

**American Motors  
Corporation**

CHARACTERISTICS

OF

AMC STEEL SHEET

8500 MODEL YEAR

# **Automotive Manufacturing Operations**

**Kenosha Plant**

CHARACTERISTICS  
OF  
AMC STEEL SHEET  
8500 MODEL YEAR

J.G. MEYER  
STEEL CONTROL LABORATORY  
September 6, 1985

### INTRODUCTION:

In the pages that follow are records of the steel sheet tested by the Lab during the 1985 Model Year for all "Major" panels. Histograms are presented for several important characteristics:

1. Hardness
2. Olsen Cup Height
3. Sheet Thickness
4. Surface Roughness  
(Exposed Surface)

These data are significant because they show what the most "typical" values are that we might expect in our steel. They also show both minimum and maximum values that were measured, by part number, for the entire model year.

Finally, these data will be invaluable in developing steel specifications for specific part numbers.

J. C. GREBETZ



INDEX

ALLIANCE / ENCORE

(HARDNESS - OLSEN - THICKNESS - SURFACE ROUGHNESS)

SECTION I

<u>PART NUMBER</u>	<u>PART NAME</u>	<u>SUPPLIER(S)</u>
8935 000 096	Panel - Rr. Qtr. Outer	U. S. Steel
8935 000 097	Panel - Rr. Qtr. Outer	U. S. Steel
8935 000 113	Panel - Roof	Great Lakes
8935 000 116	Panel - Front Fender	U. S. Steel
8935 000 117	Panel - Front Fender	U. S. Steel
8935 000 132	Panel - Rr. Door Outer	Cockerill Stinnes U. S. Steel
8935 000 133	Panel - Rr. Door Outer	Cockerill Stinnes U. S. Steel
8935 000 142	Panel - Hood Outer	U. S. Steel
8935 000 406	Panel - Rr. Qtr. Outer	U. S. Steel
8935 000 407	Panel - Rr. Qtr. Outer	U. S. Steel
8935 002 526	Panel - Rr. Qtr. Outer	U. S. Steel
8935 002 527	Panel - Rr. Qtr. Outer	U. S. Steel
8935 002 528	Panel - Rr. Qtr. Outer	U. S. Steel
8935 002 529	Panel - Rr. Qtr. Outer	U. S. Steel
8935 002 587	Panel - Roof	Great Lakes
8935 006 977	Panel - Lift Door Outer	U. S. Steel
8935 006 978	Panel - Deck Door Outer	U. S. Steel
8935 007 378	Panel - Frt. Door Outer	Cockerill Stinnes U. S. Steel
8935 007 379	Panel - Frt. Door Outer	Cockerill Stinnes U. S. Steel
8935 007 390	Panel - Frt. Door Outer	U. S. Steel
8935 007 391	Panel - Frt. Door Outer	U. S. Steel
8935 010 250	Panel - Rr. Qtr. Outer	U. S. Steel
8935 010 251	Panel - Rr. Qtr. Outer	U. S. Steel



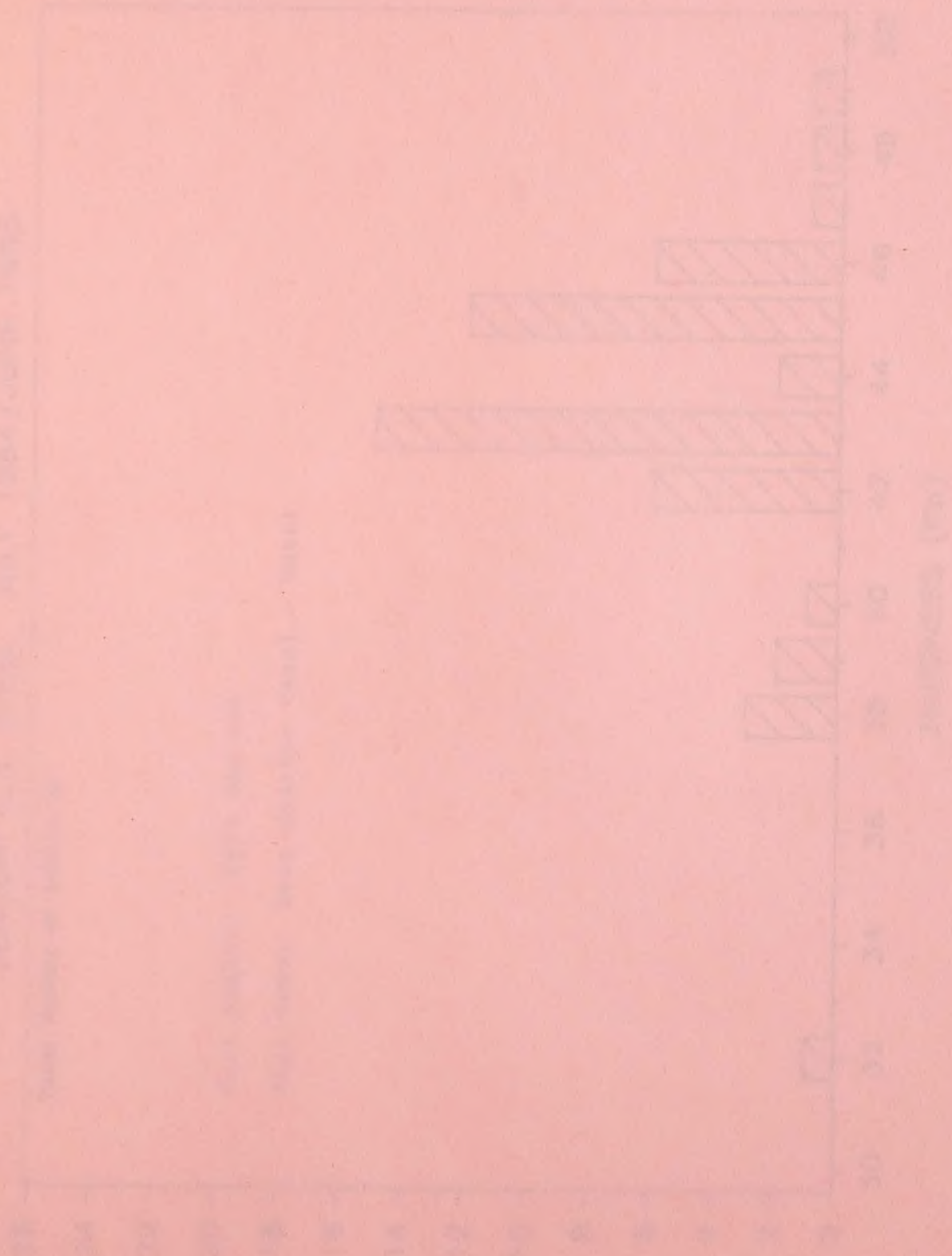
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Station: 11702 Date: 10/1/84 Job: 1002

Rockwell C Hardness

Rockwell C Hardness

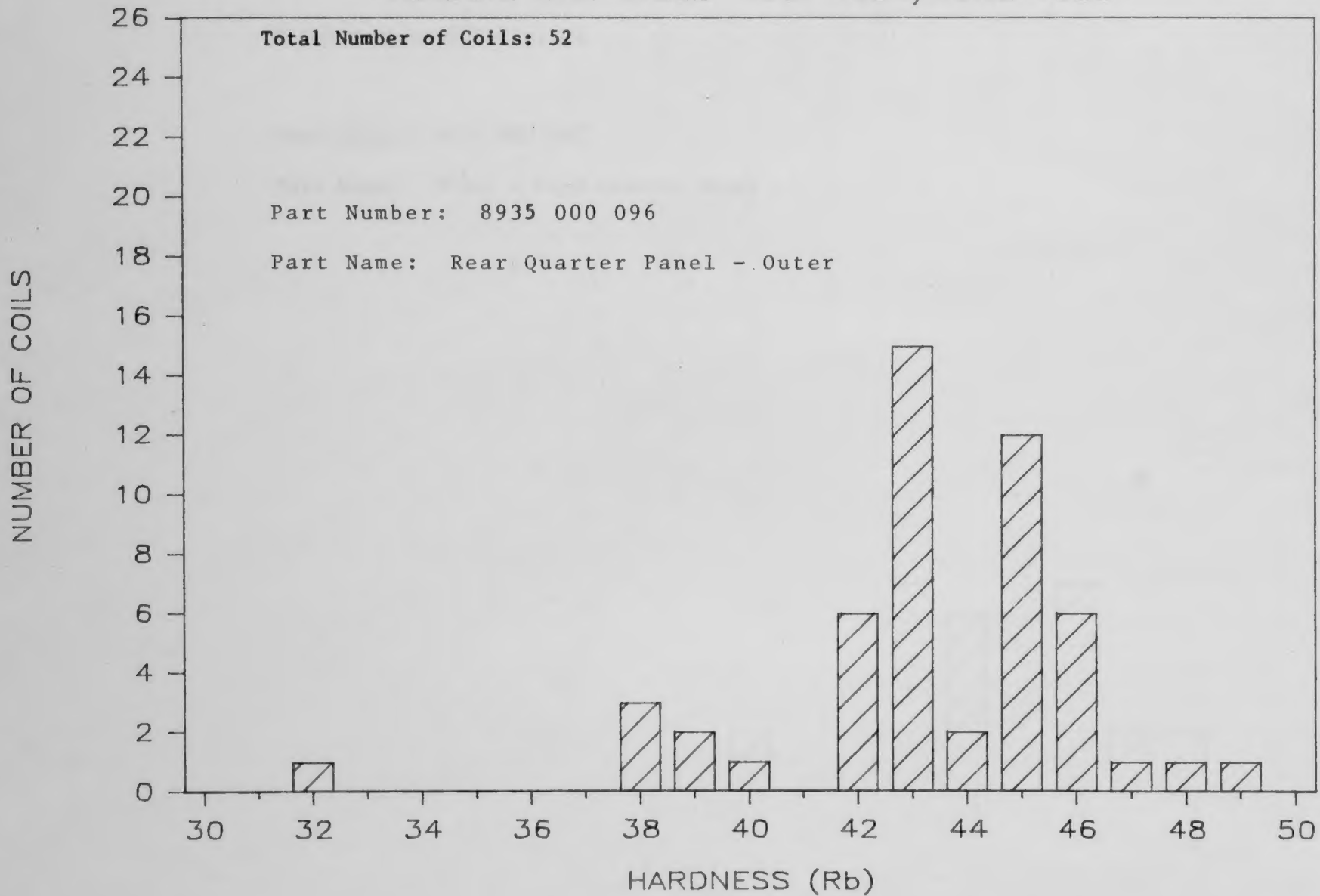
Rockwell C Hardness



Rockwell C Hardness

# ROCKWELL HARDNESS HISTOGRAM

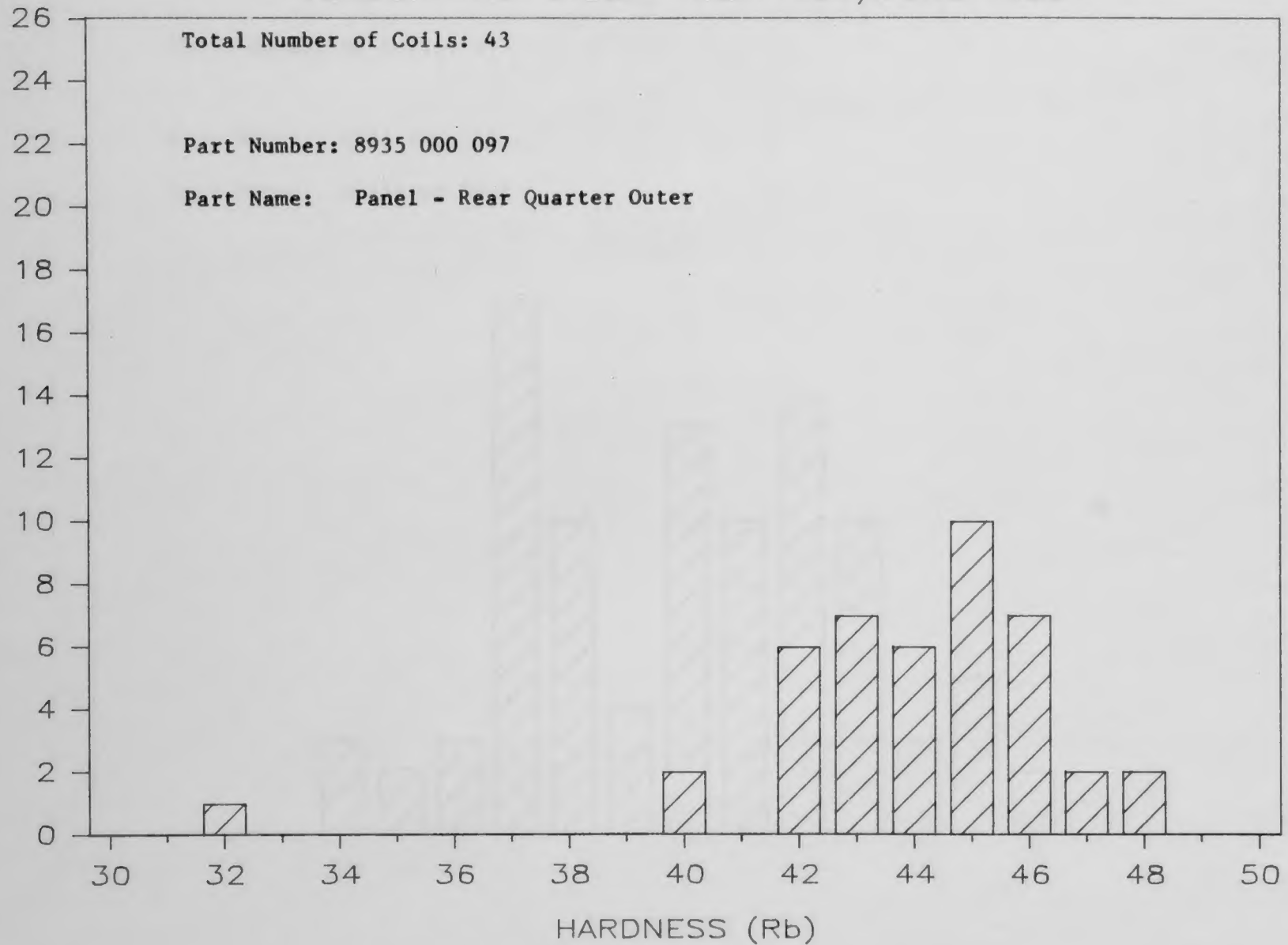
VENDOR: U.S. STEEL JULY 1984/JUNE 1985



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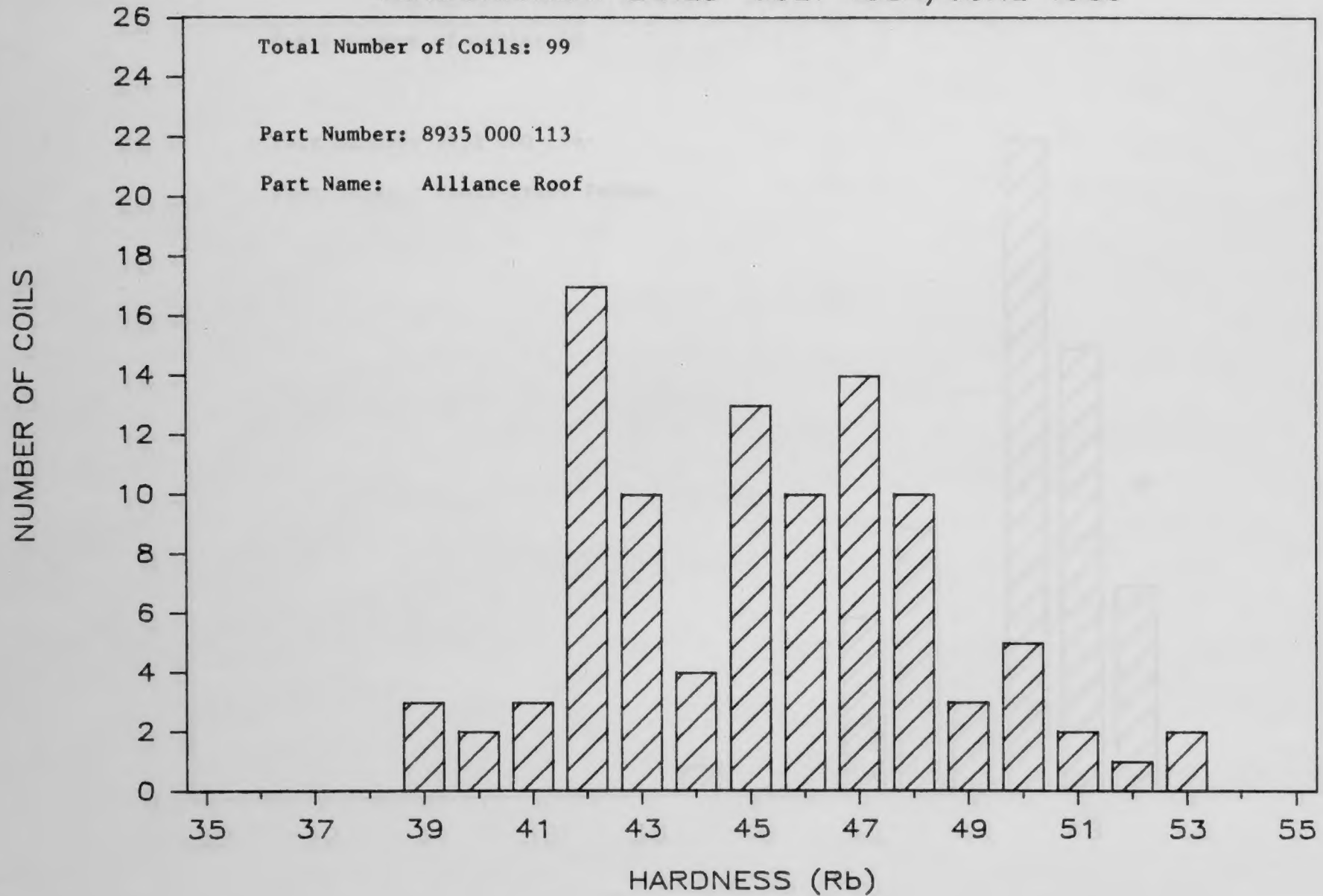
NUMBER OF COILS





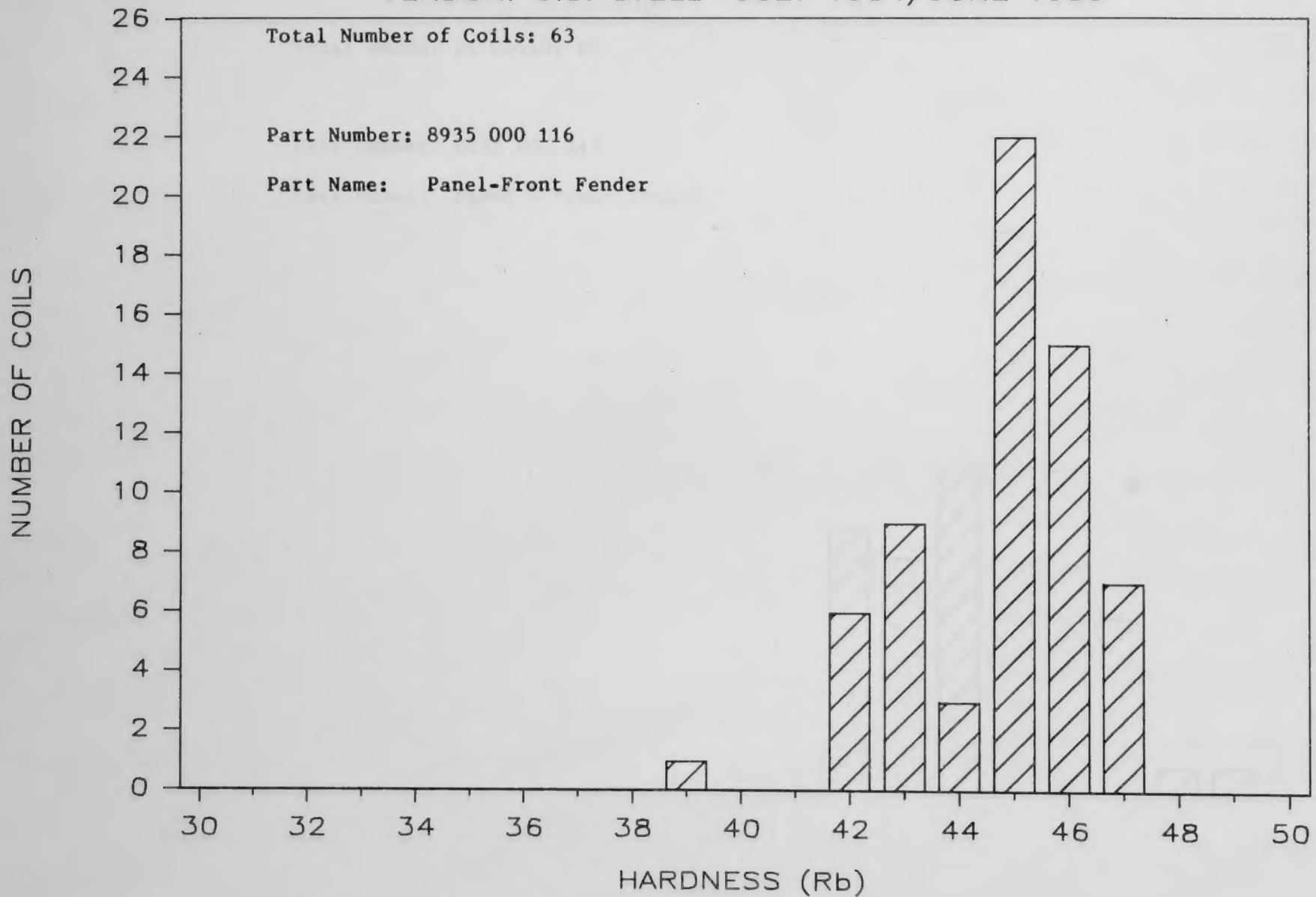
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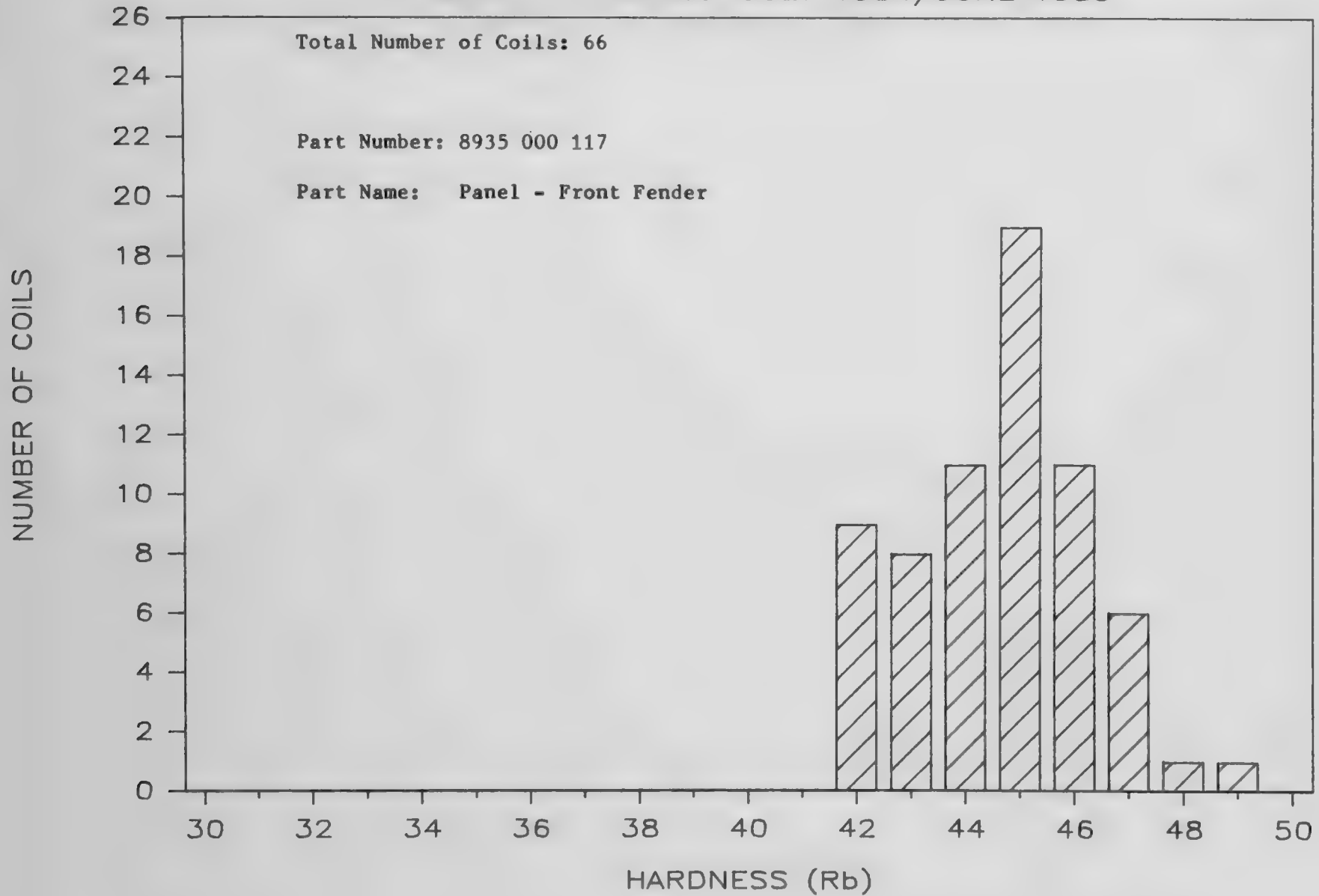
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# ROCKWELL HARDNESS HISTOGRAM

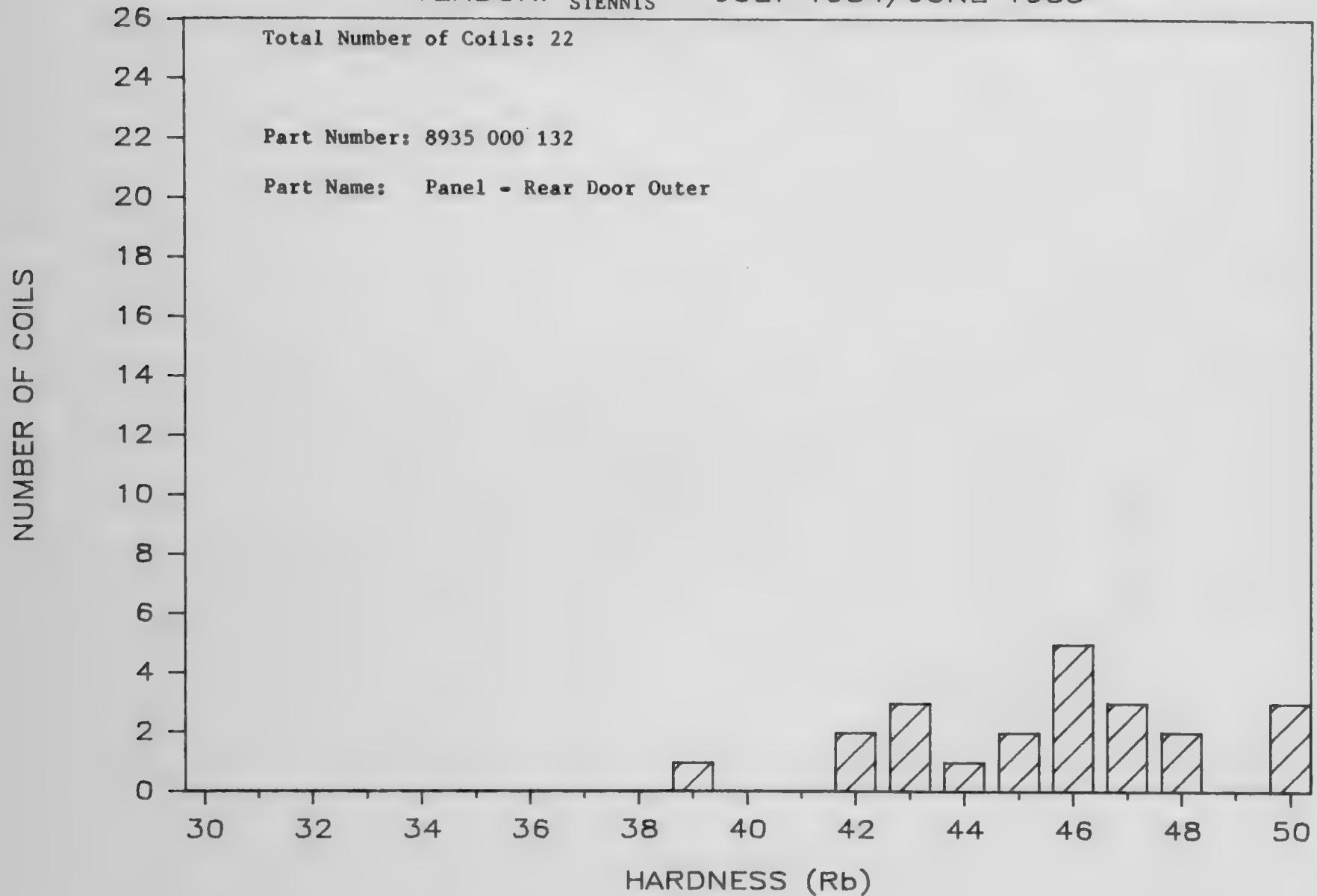
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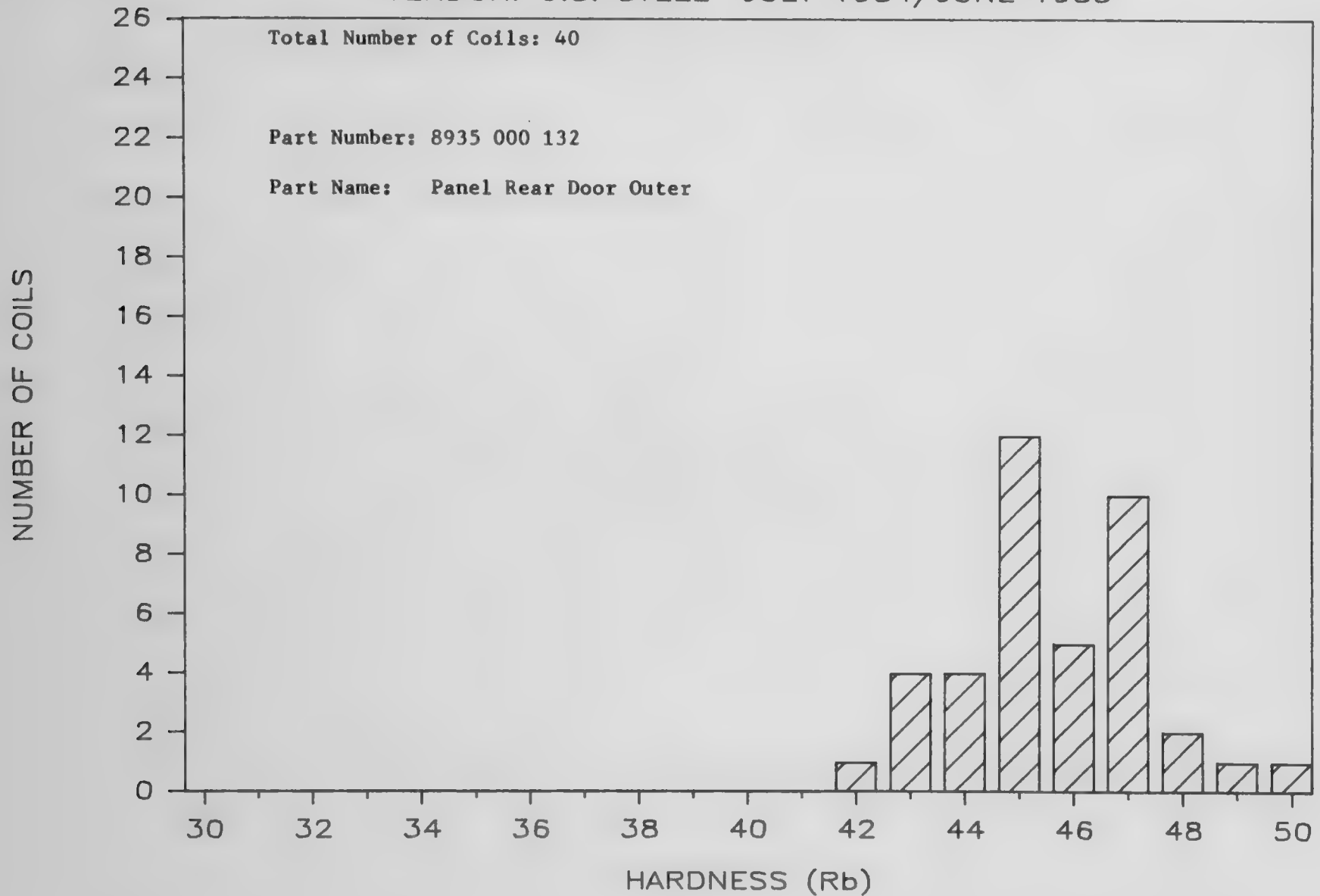
VENDOR: COCKERILL  
STENNIS

JULY 1984/JUNE 1985



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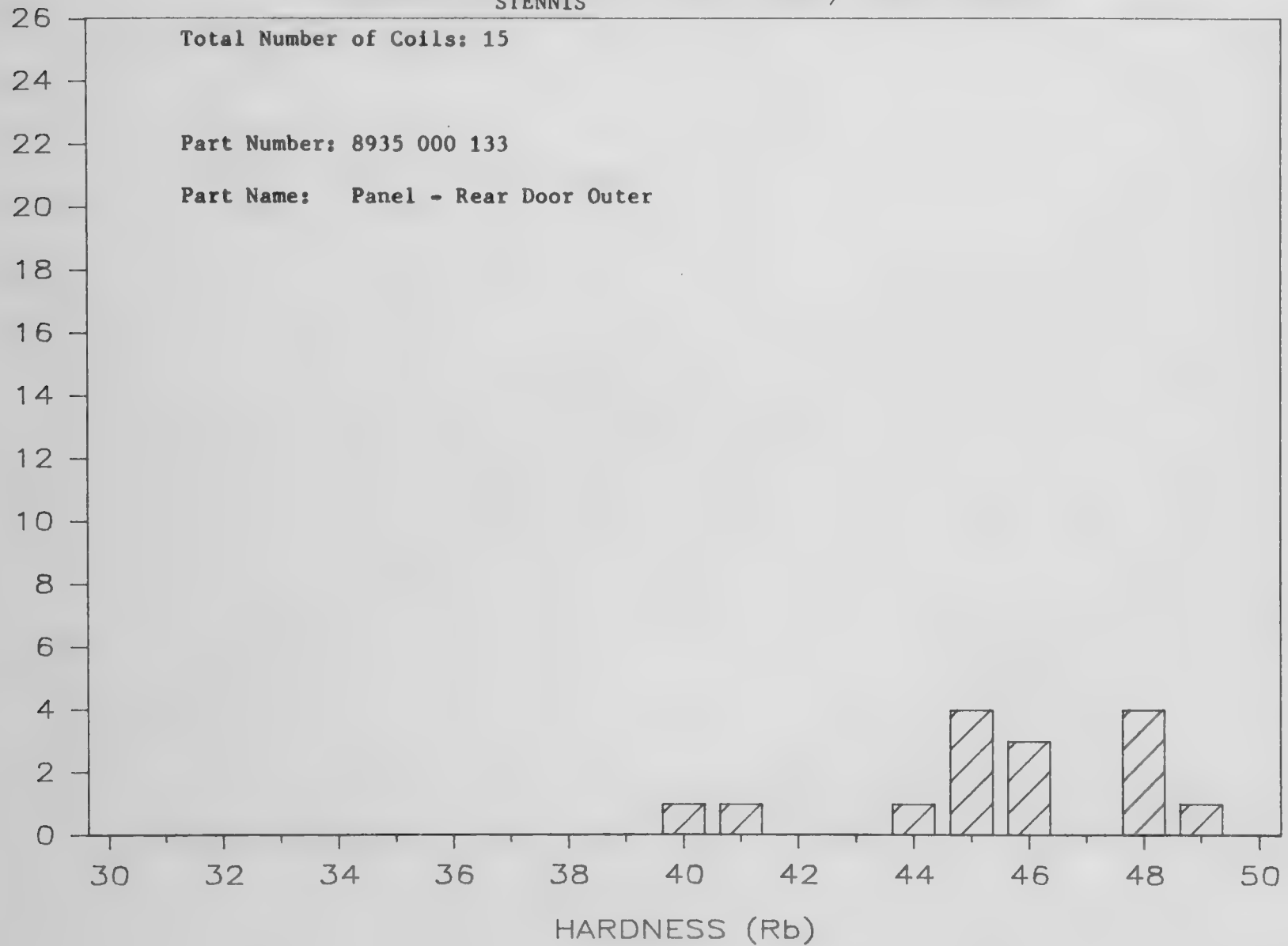


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STENNIS

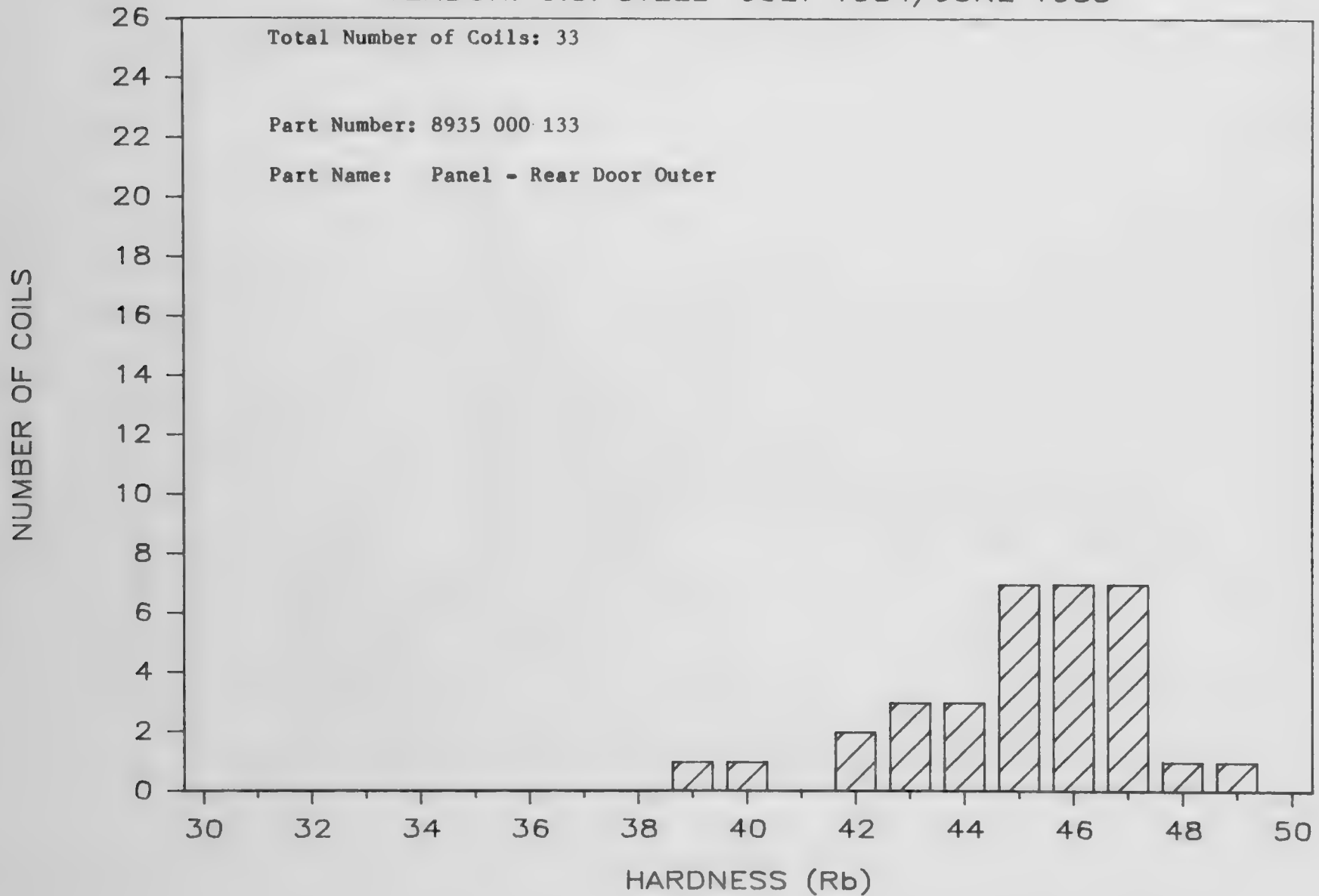
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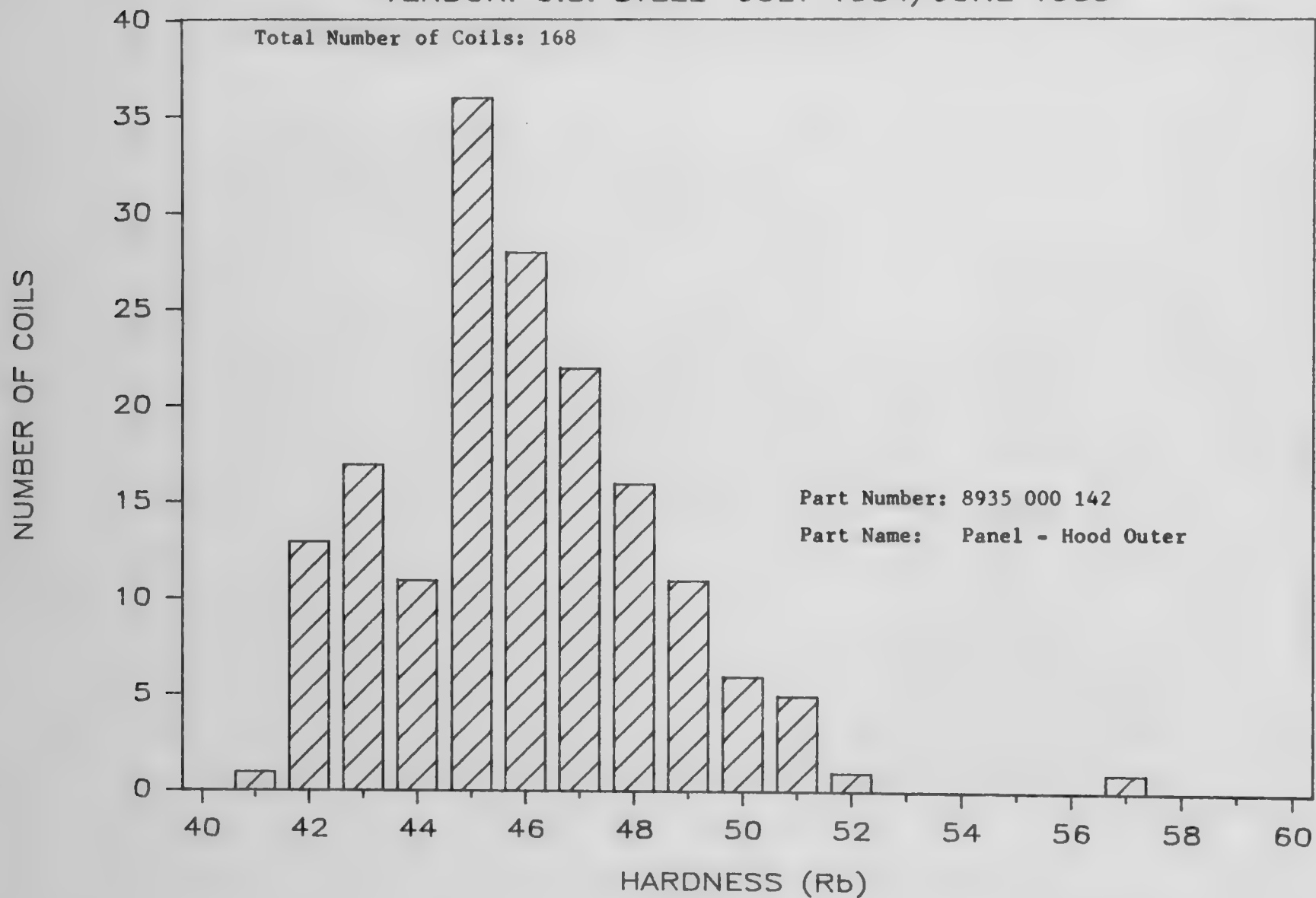
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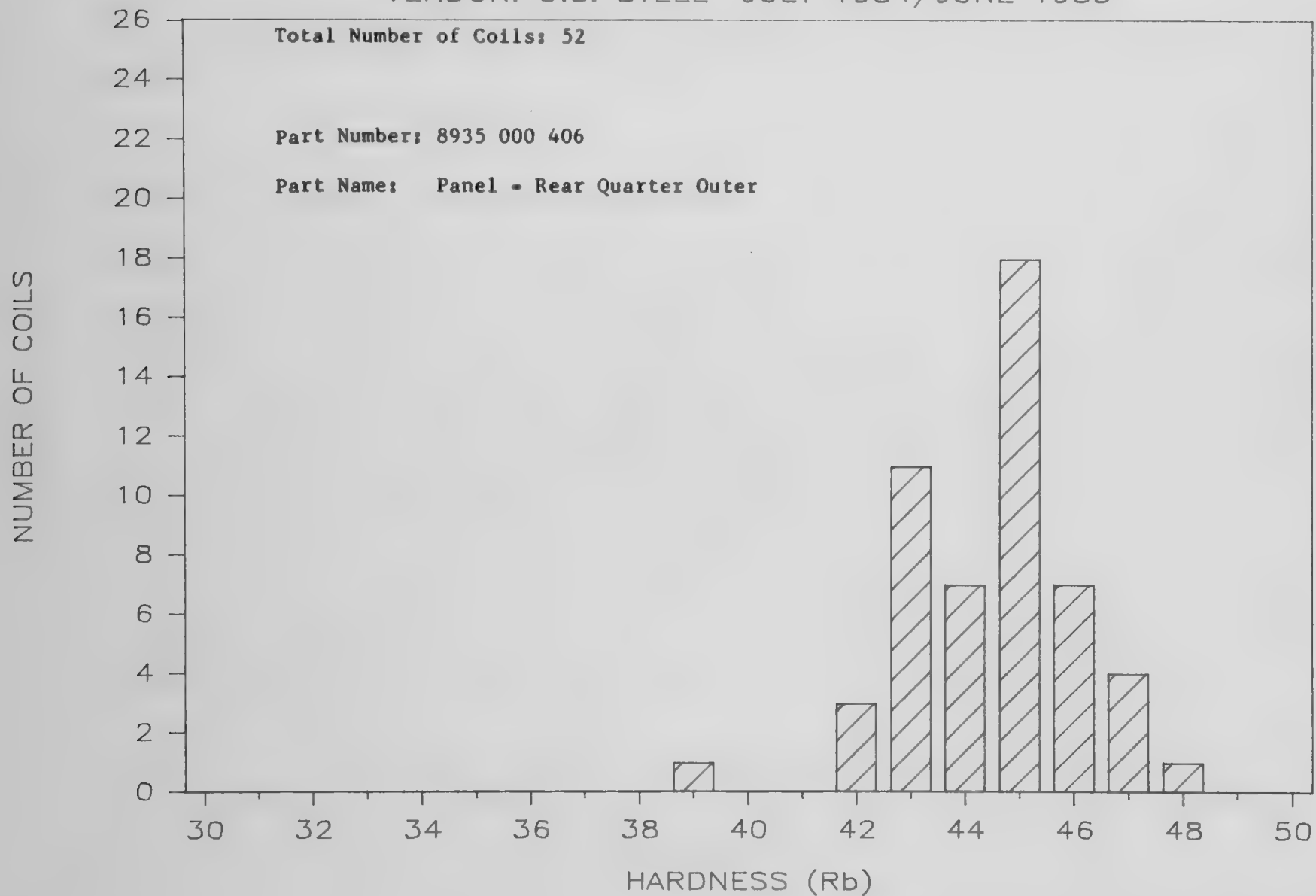
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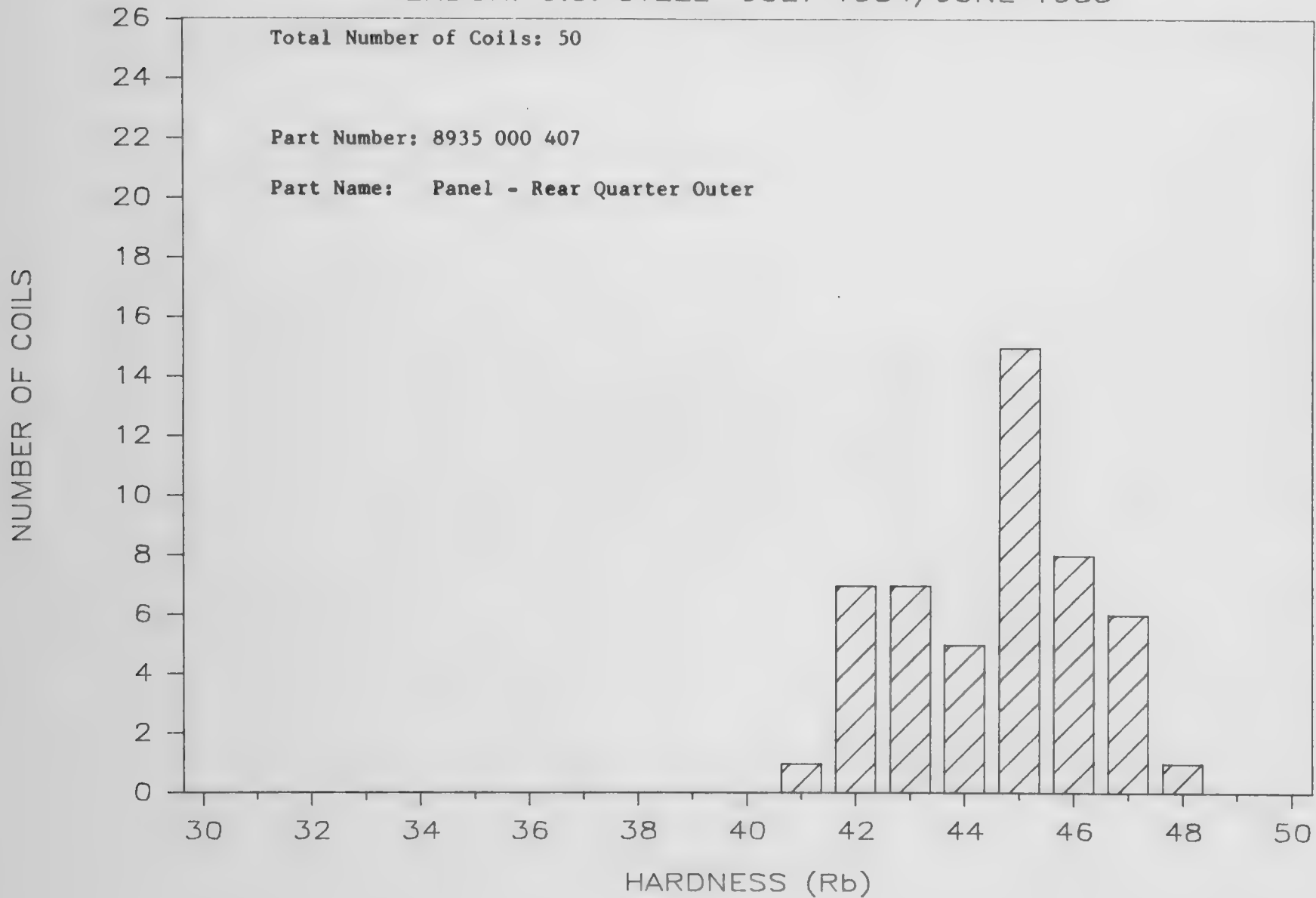
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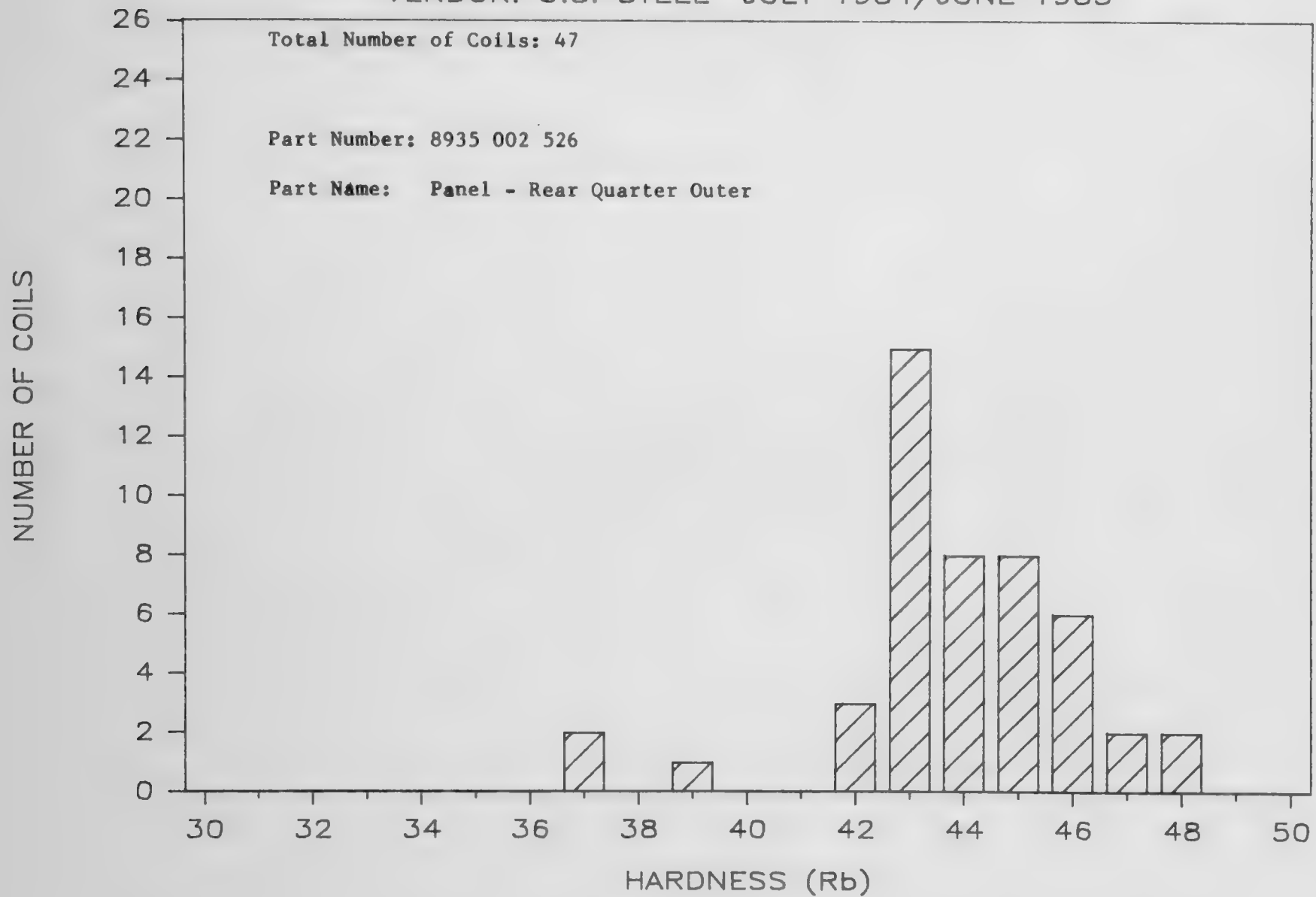
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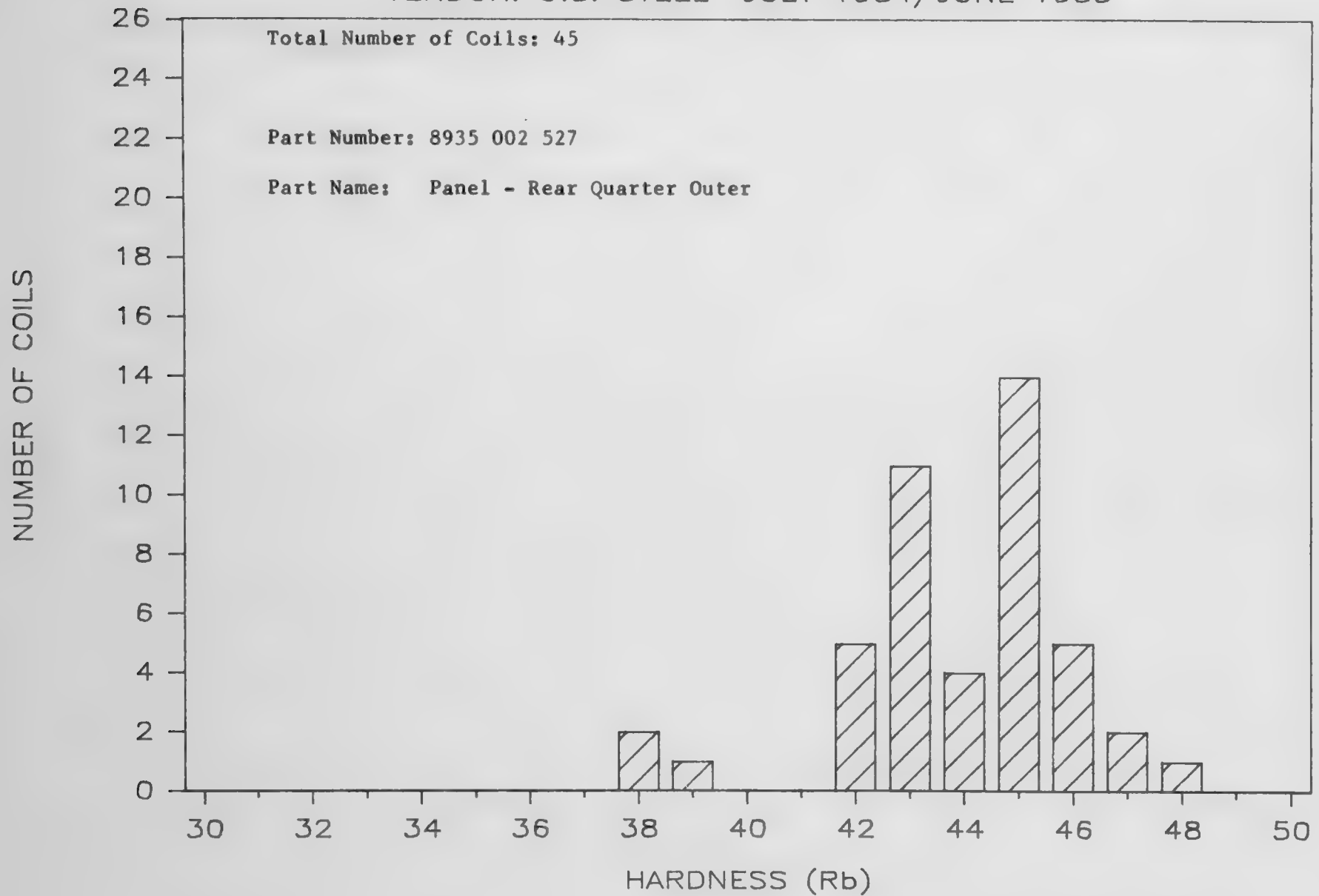
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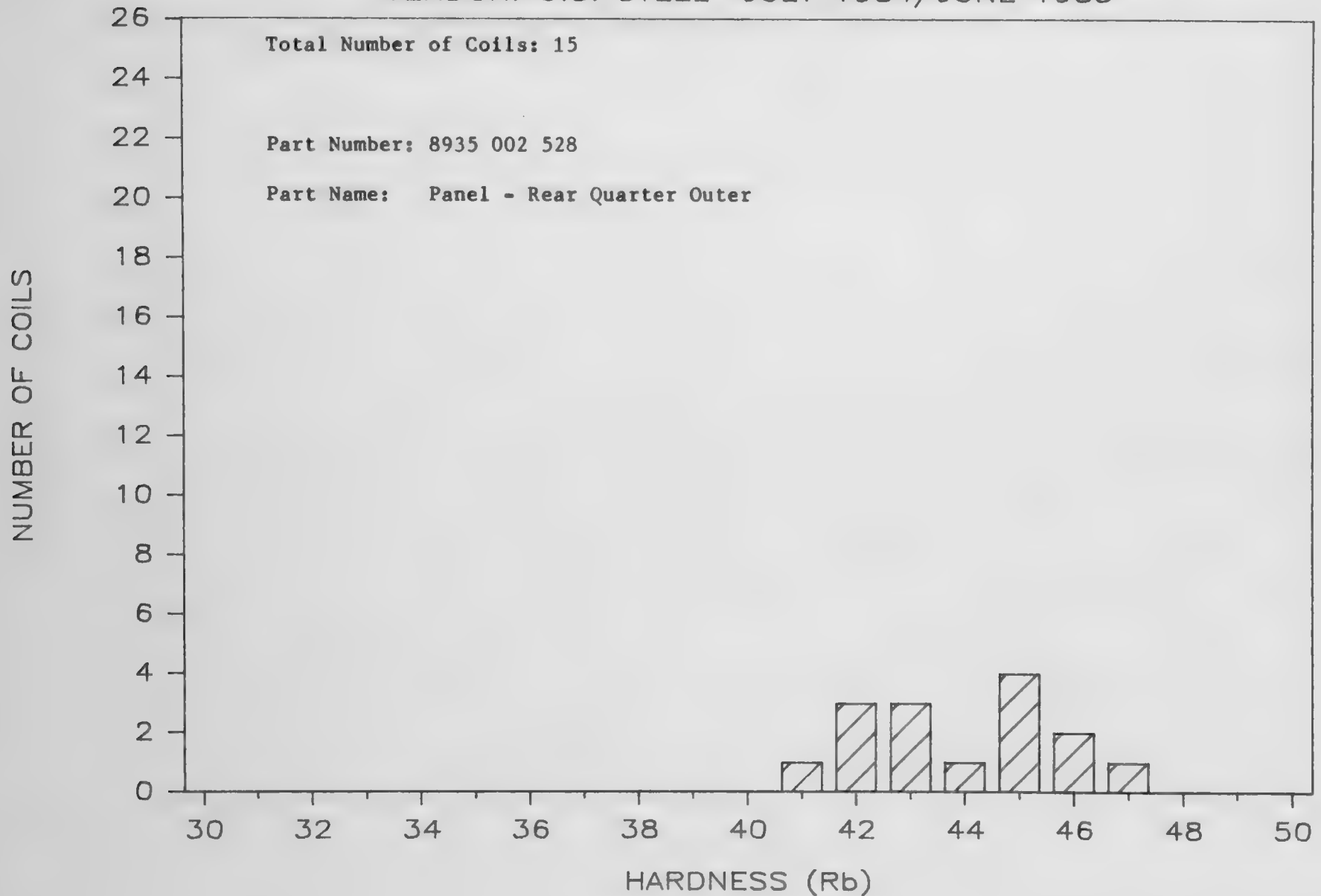
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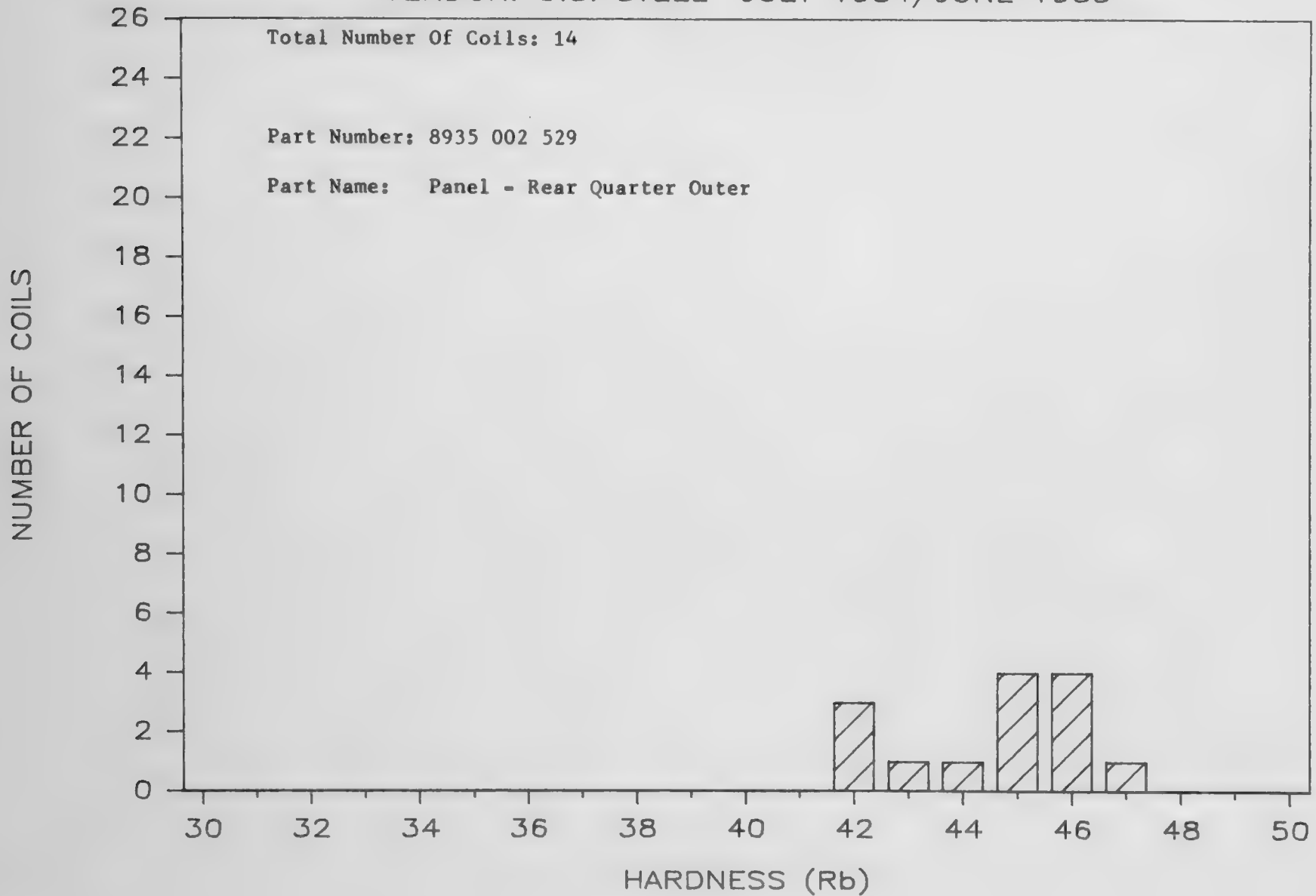
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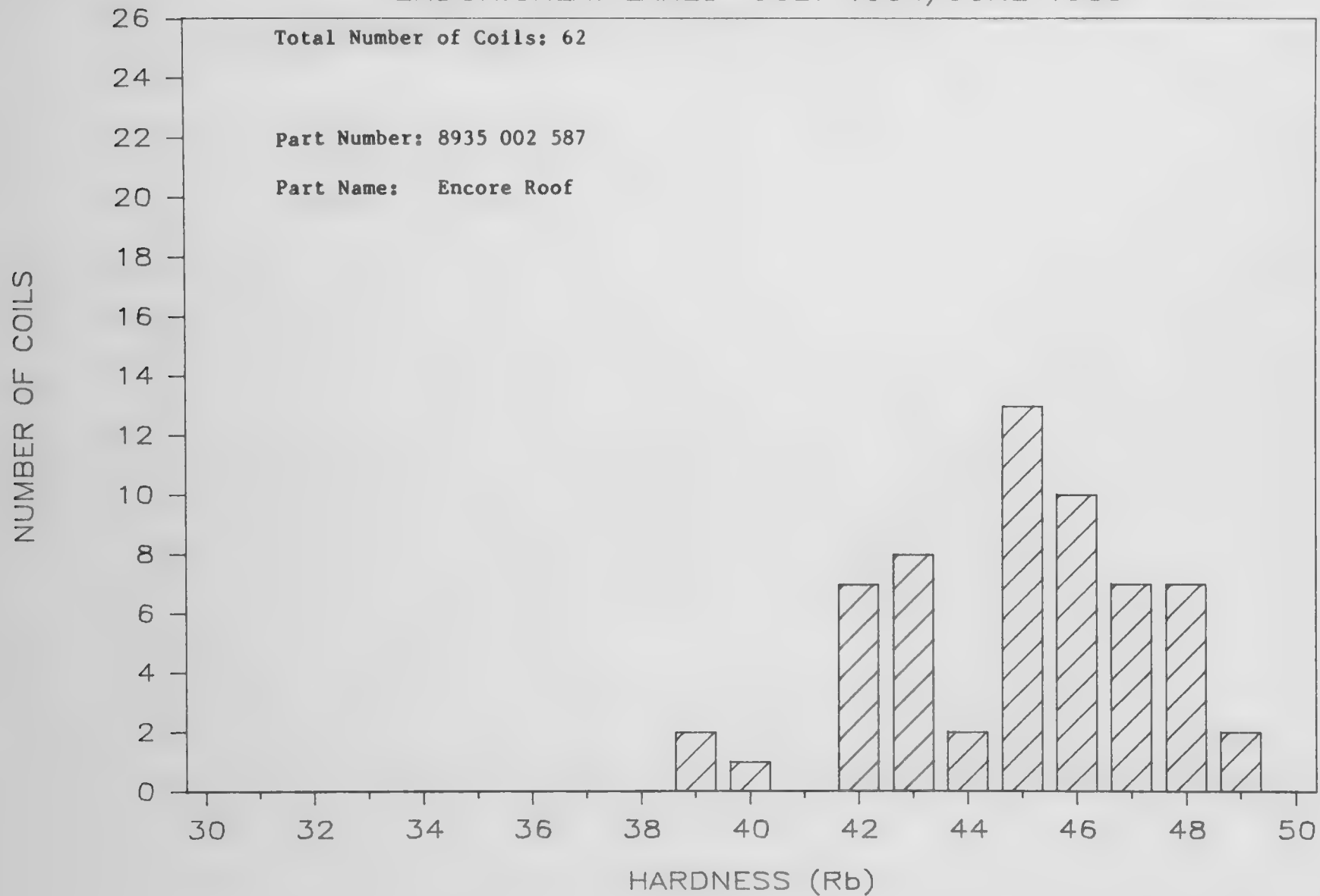
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# ROCKWELL HARDNESS HISTOGRAM

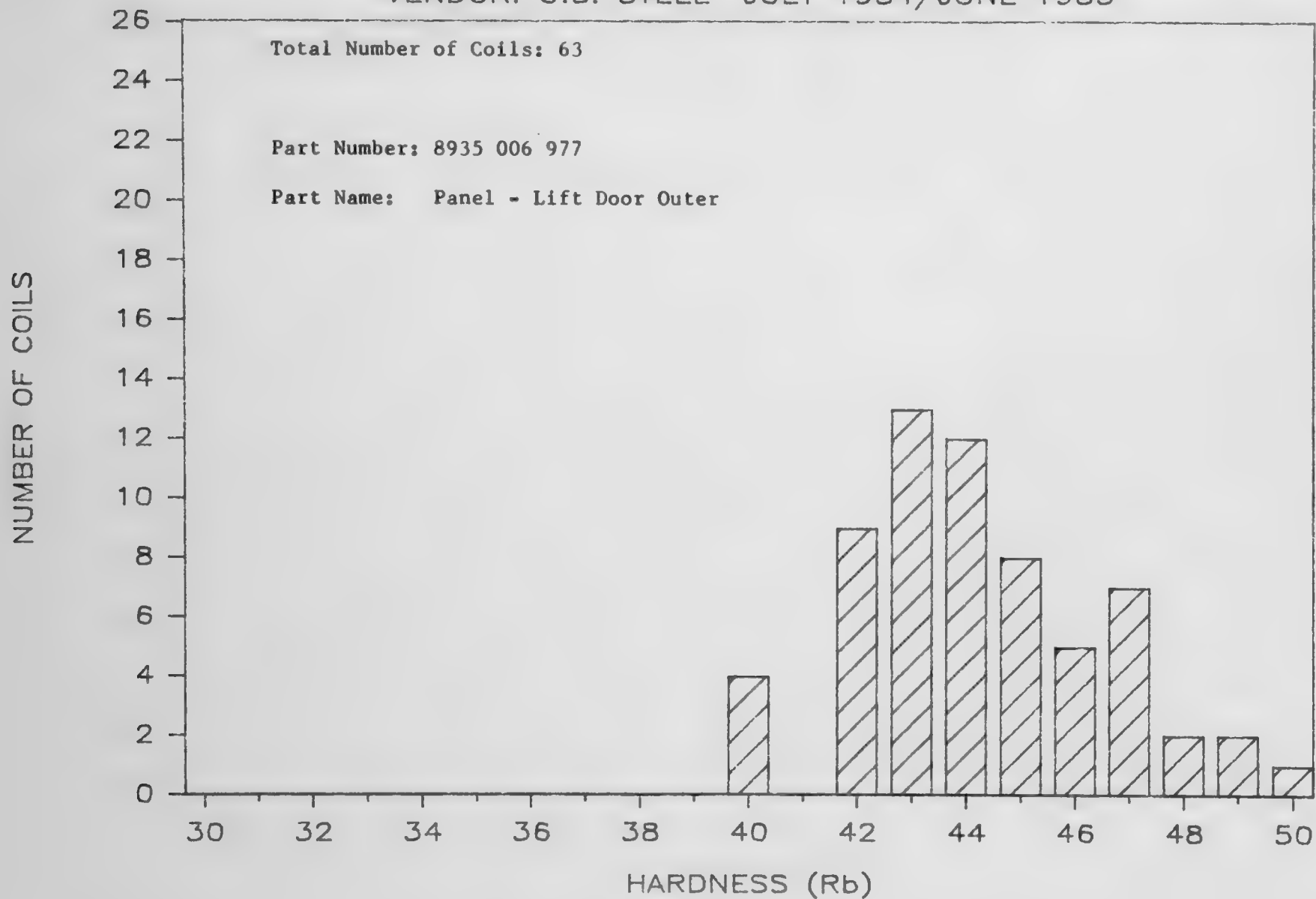
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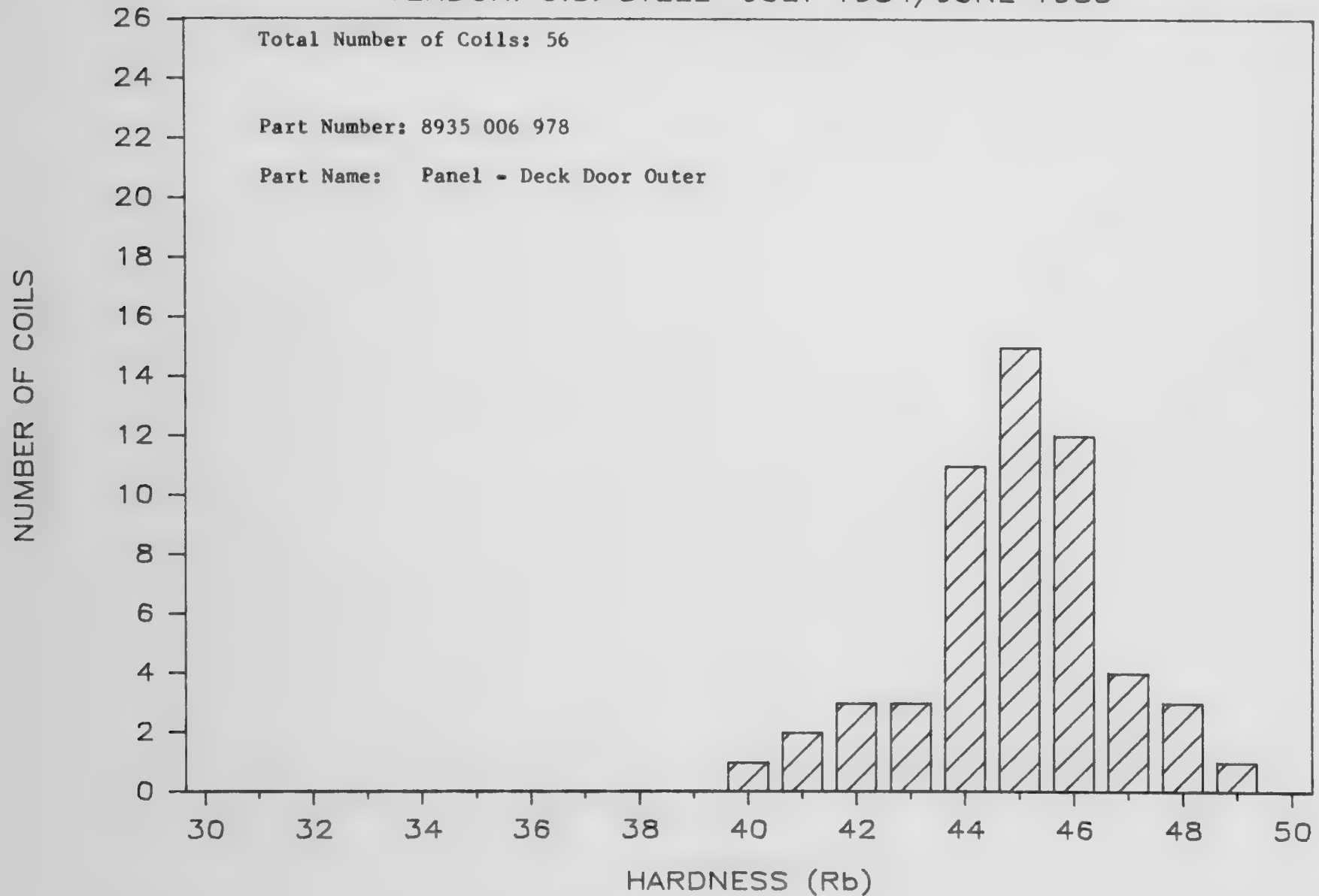
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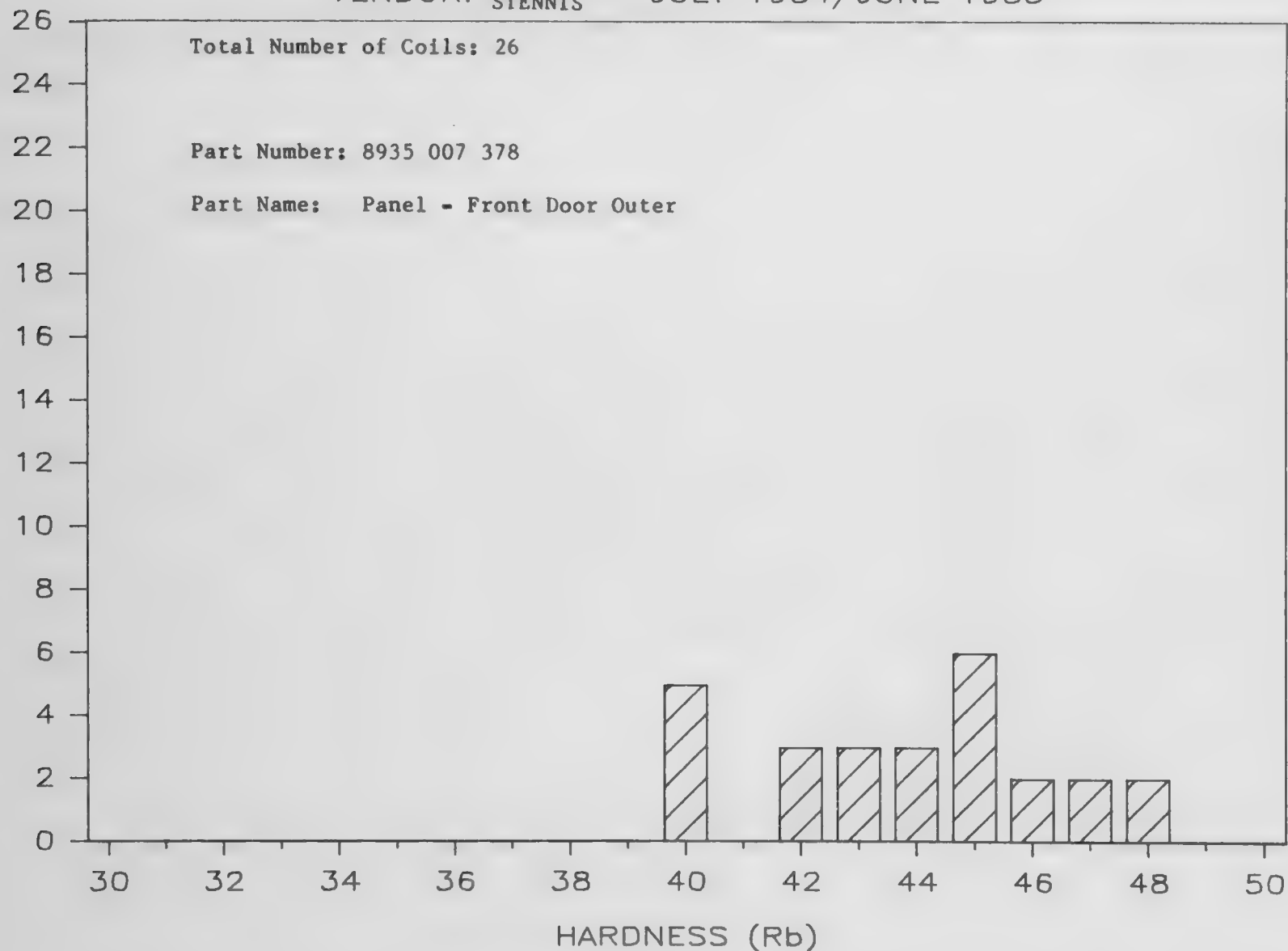


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VENDOR: COCKERILL  
STENNIS

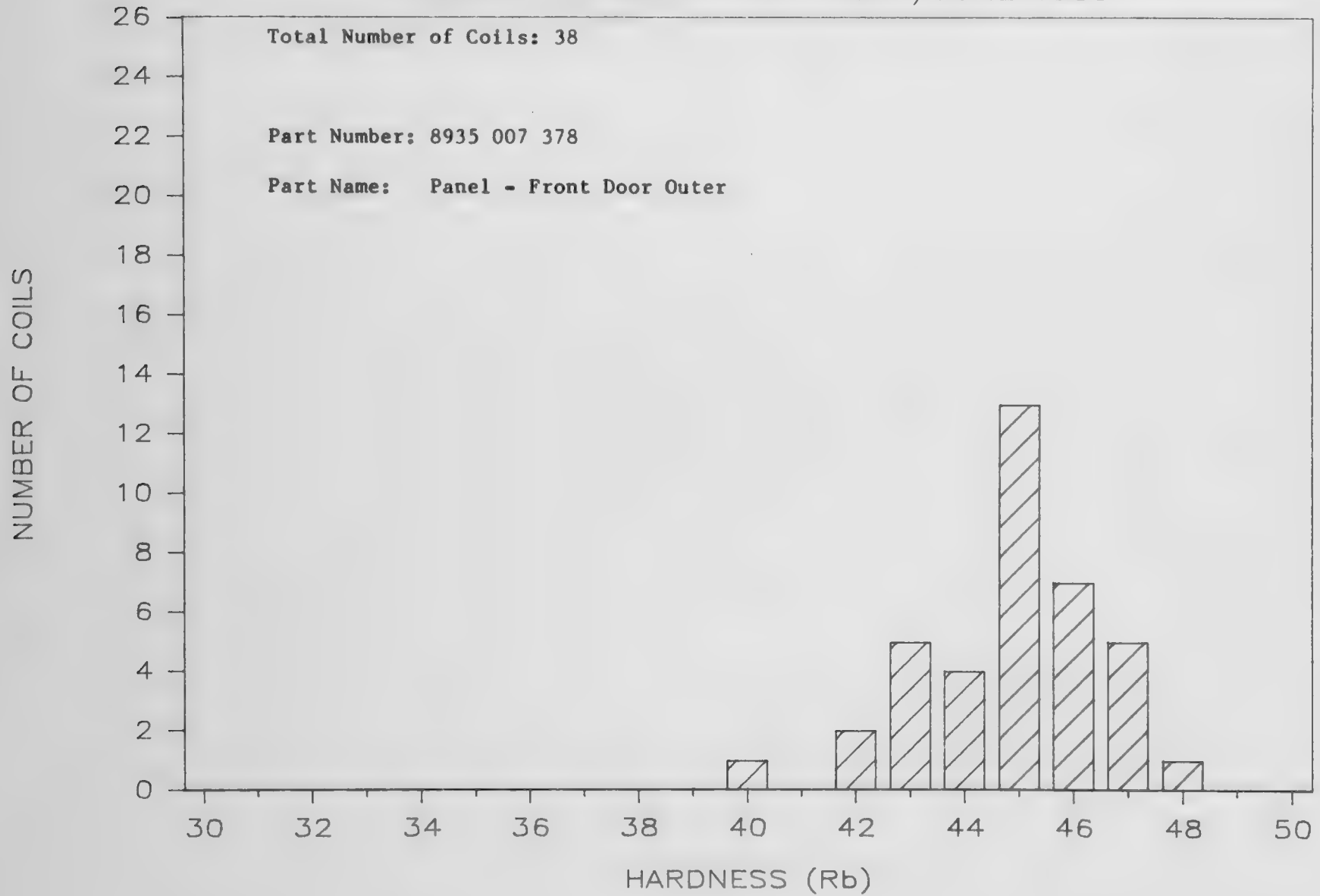
JULY 1984/JUNE 1985

NUMBER OF COILS



# ROCKWELL HARDNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985



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VENDOR: COCKERILL  
STENNIS

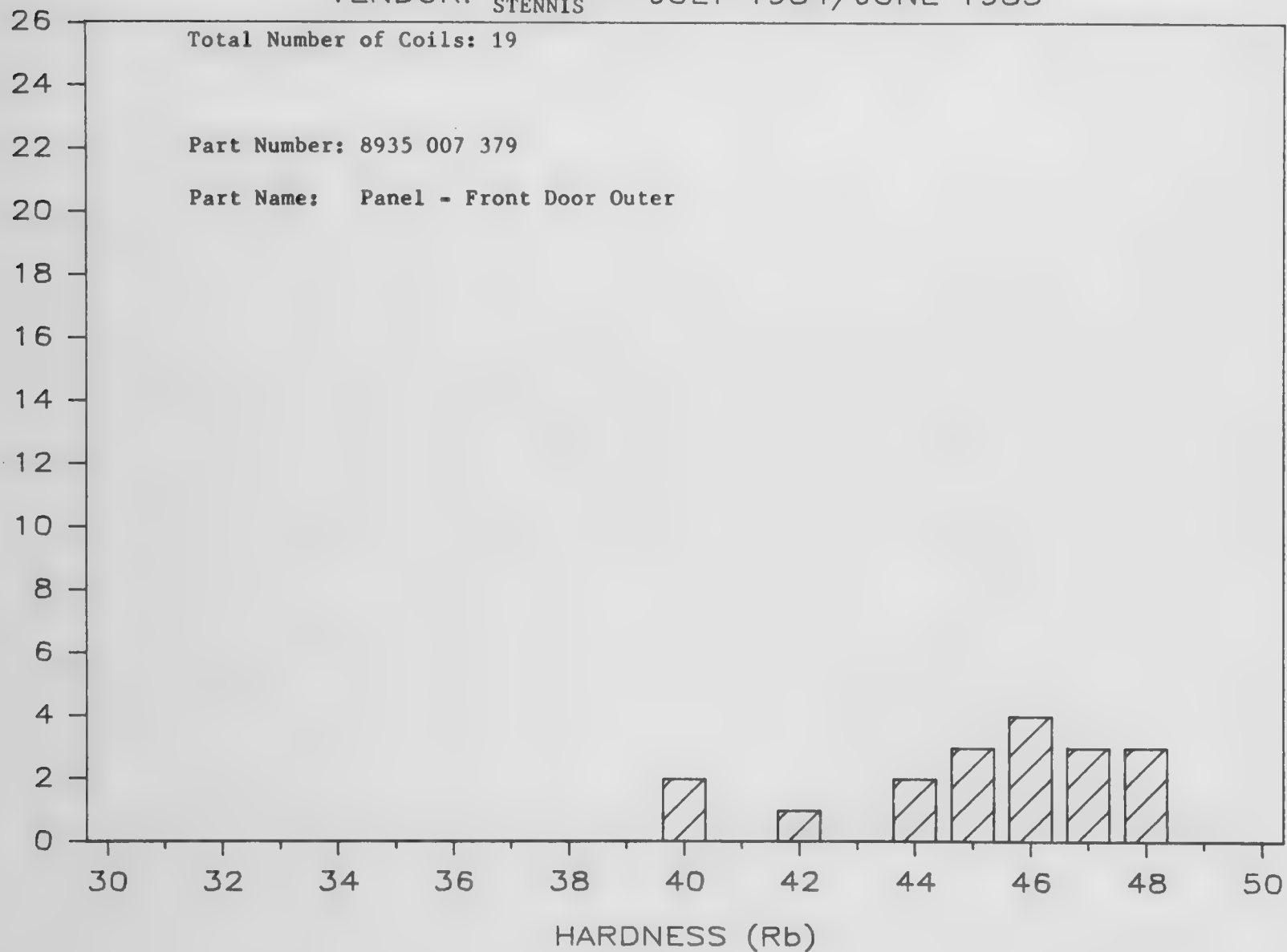
JULY 1984/JUNE 1985

NUMBER OF COILS

Total Number of Coils: 19

Part Number: 8935 007 379

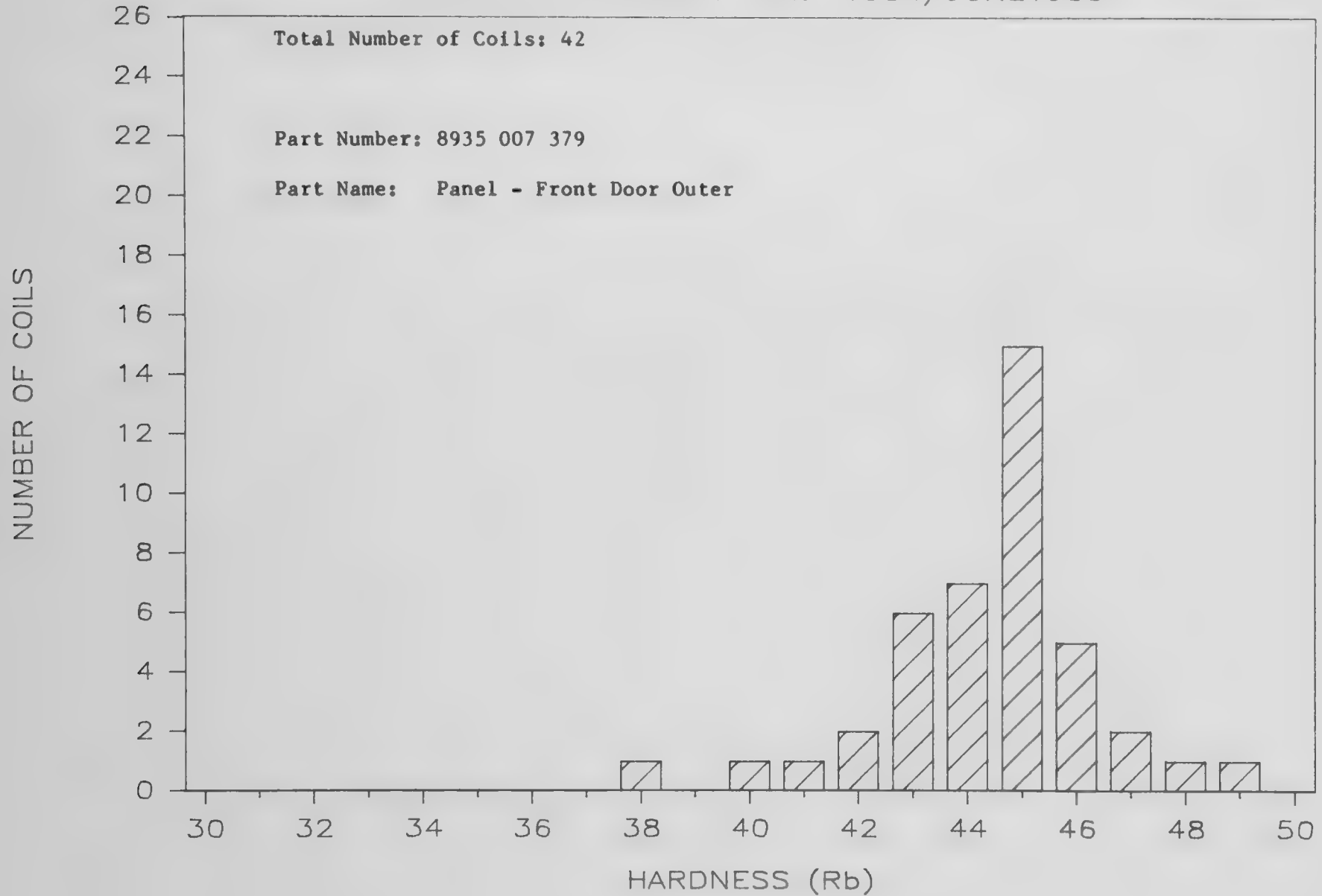
Part Name: Panel - Front Door Outer





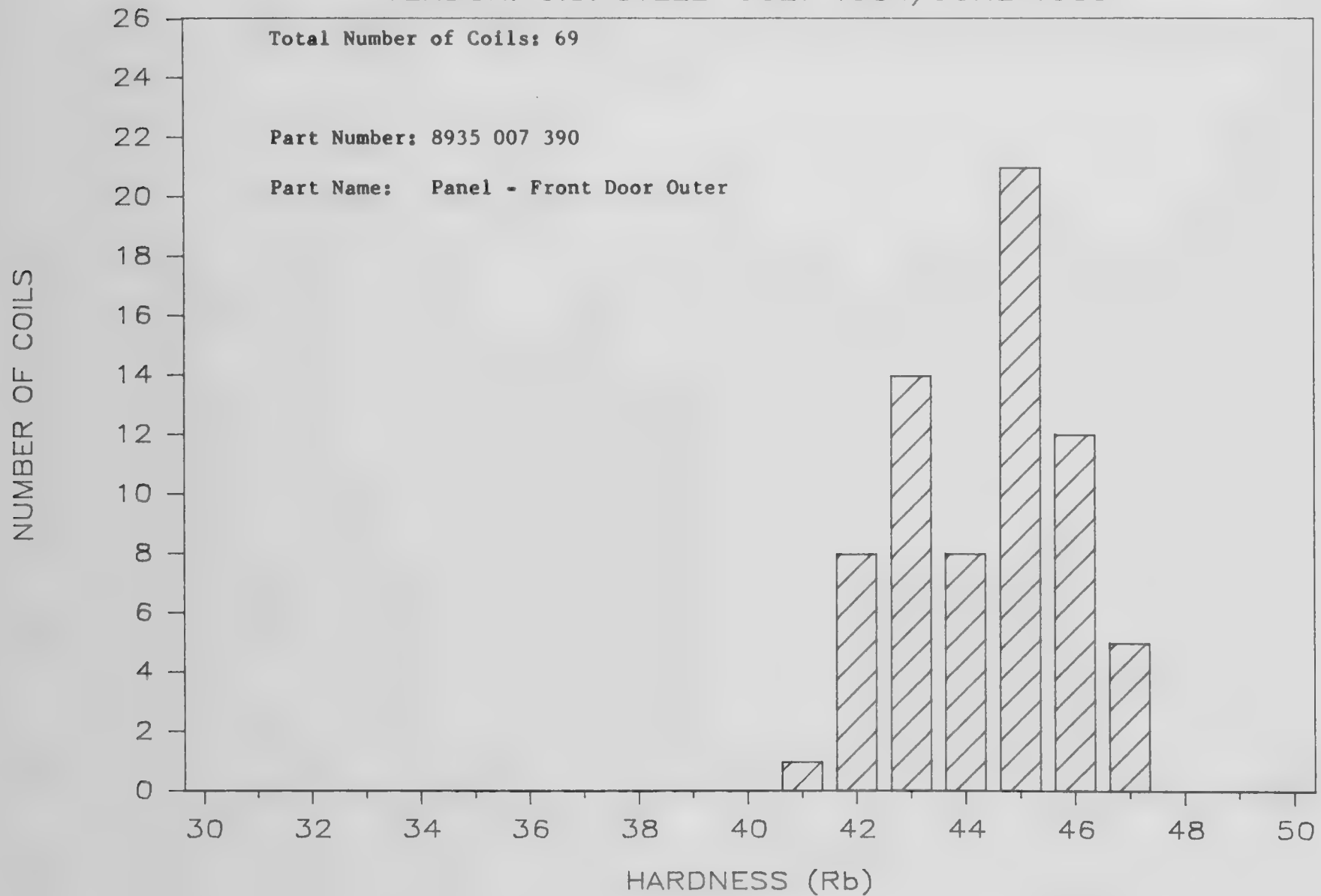
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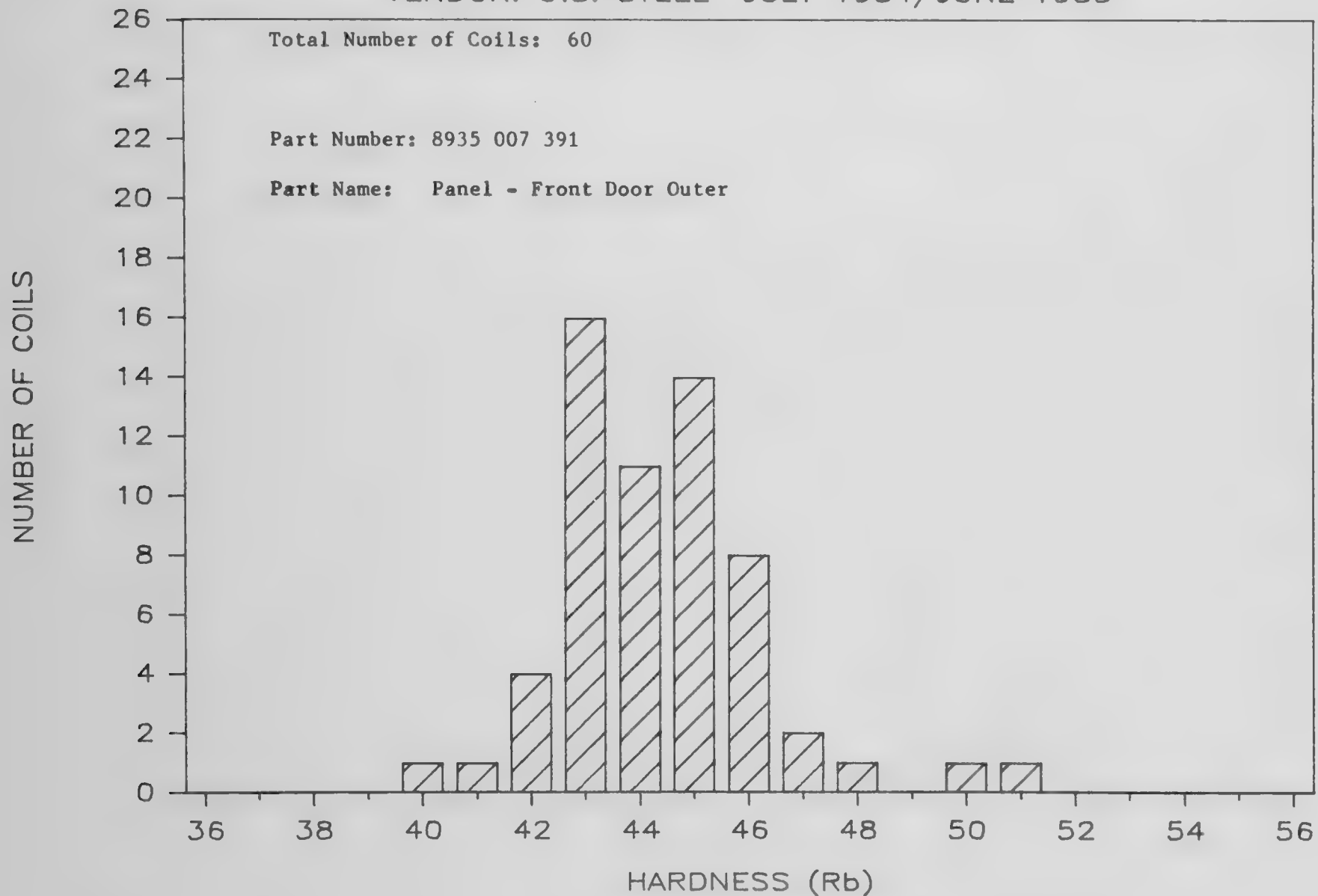
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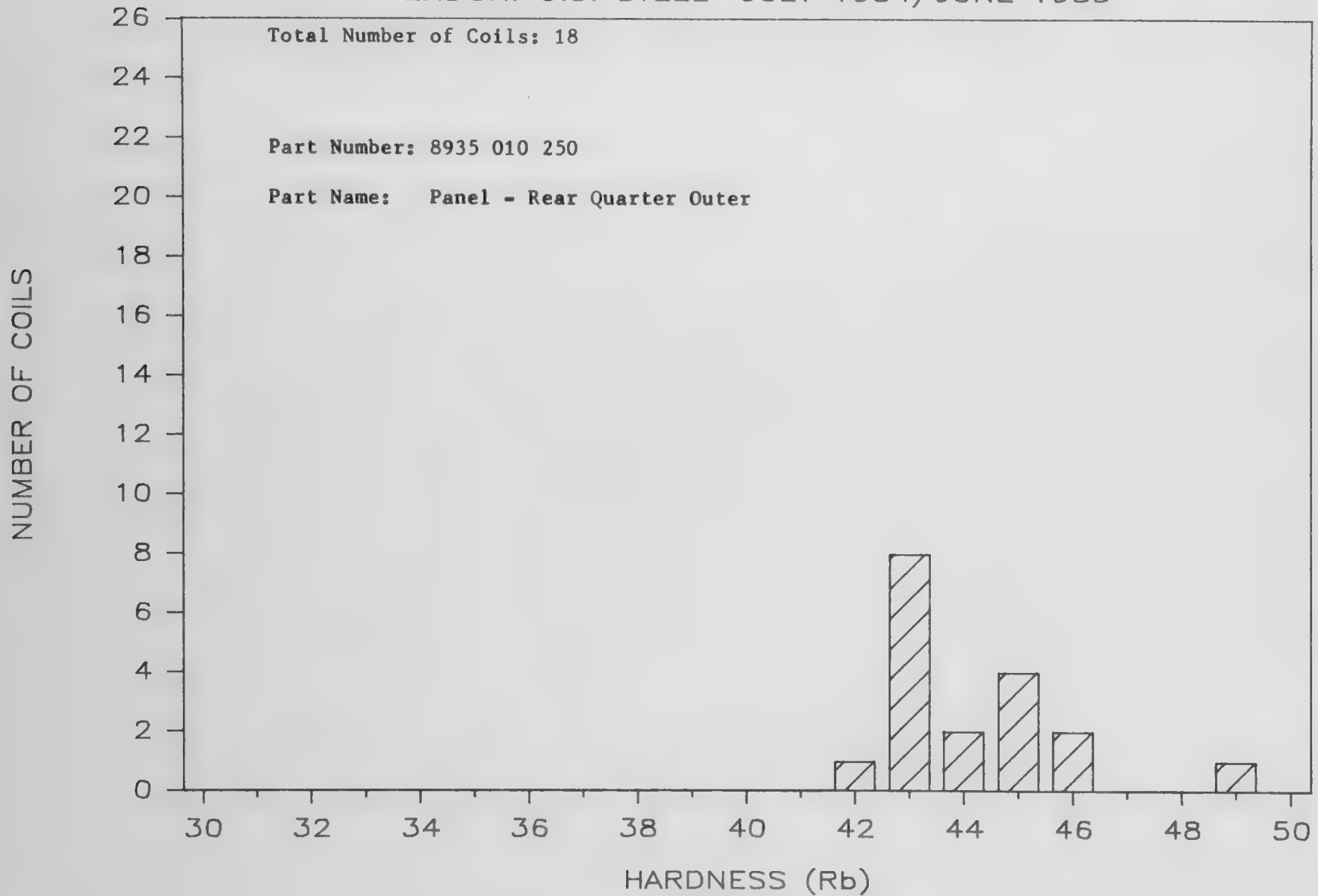
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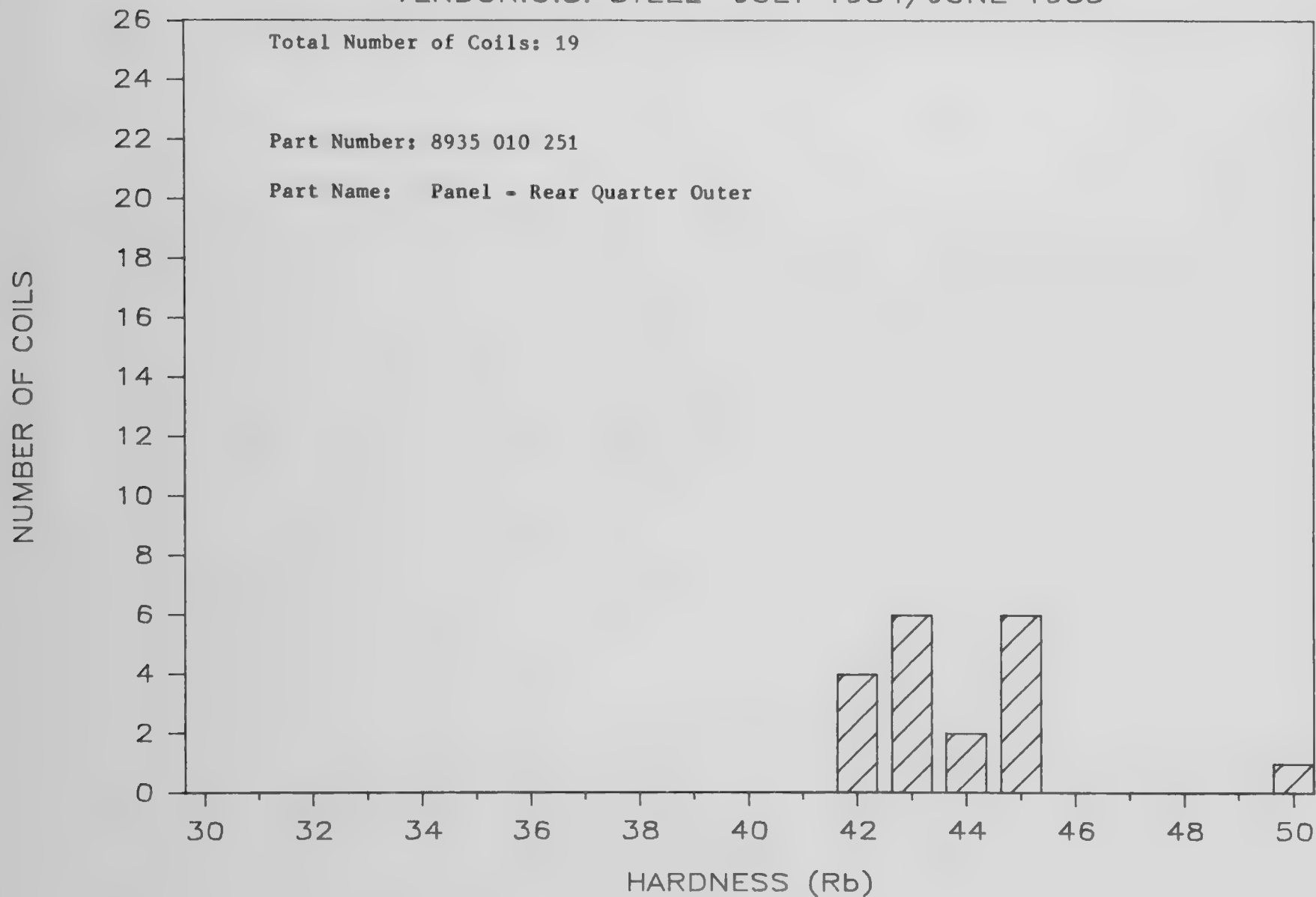
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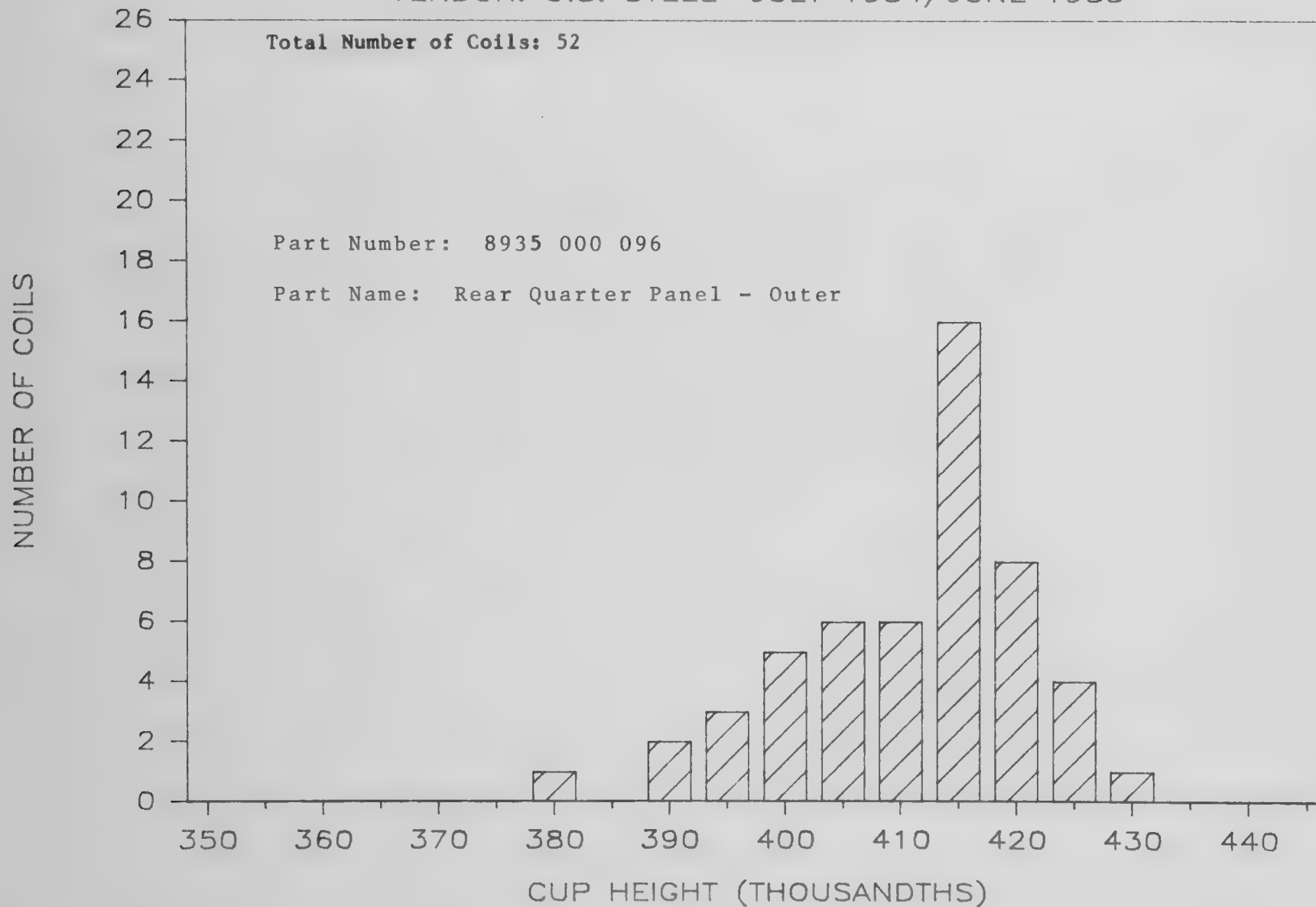
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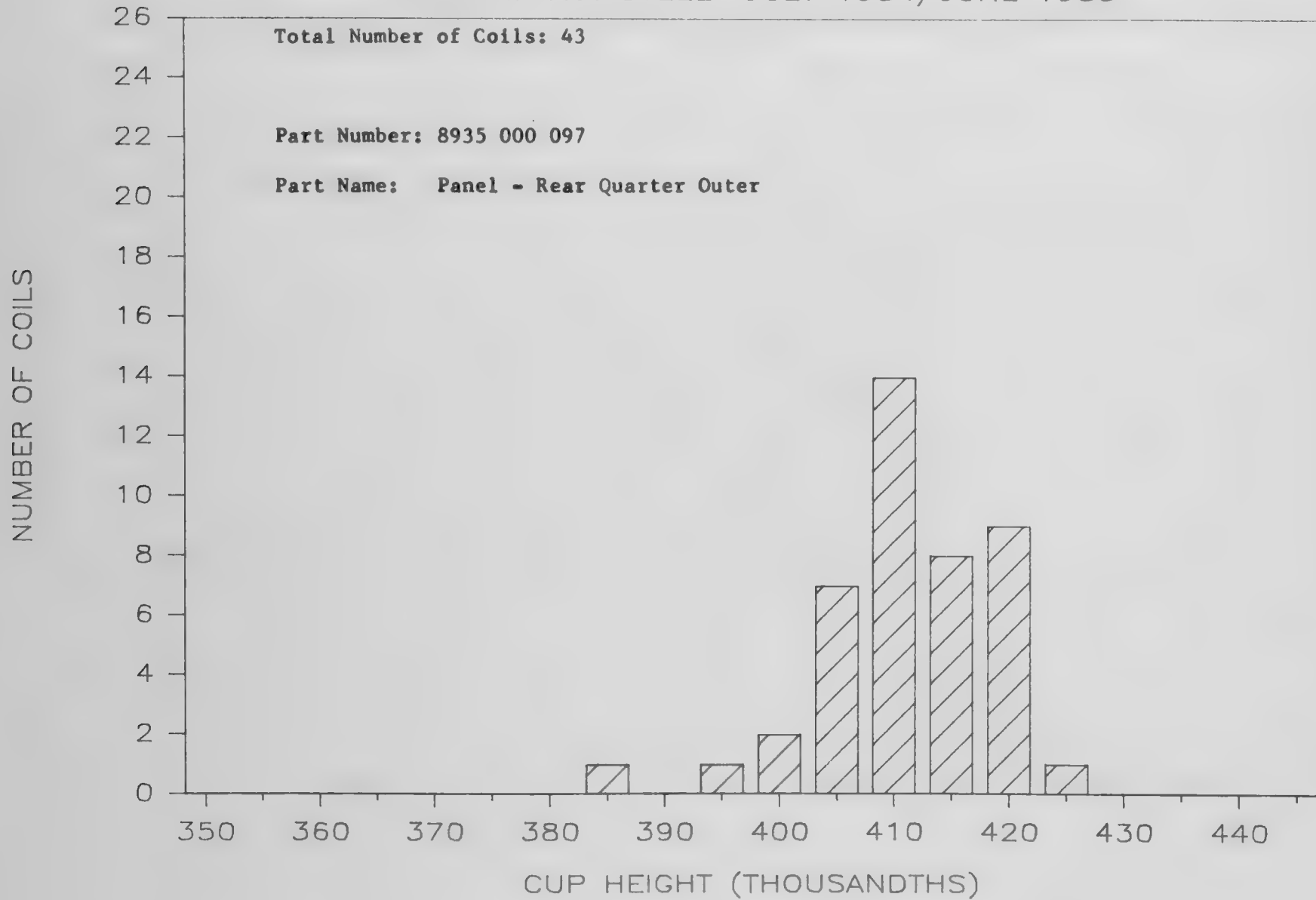
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VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# OLSEN CUP HISTOGRAM

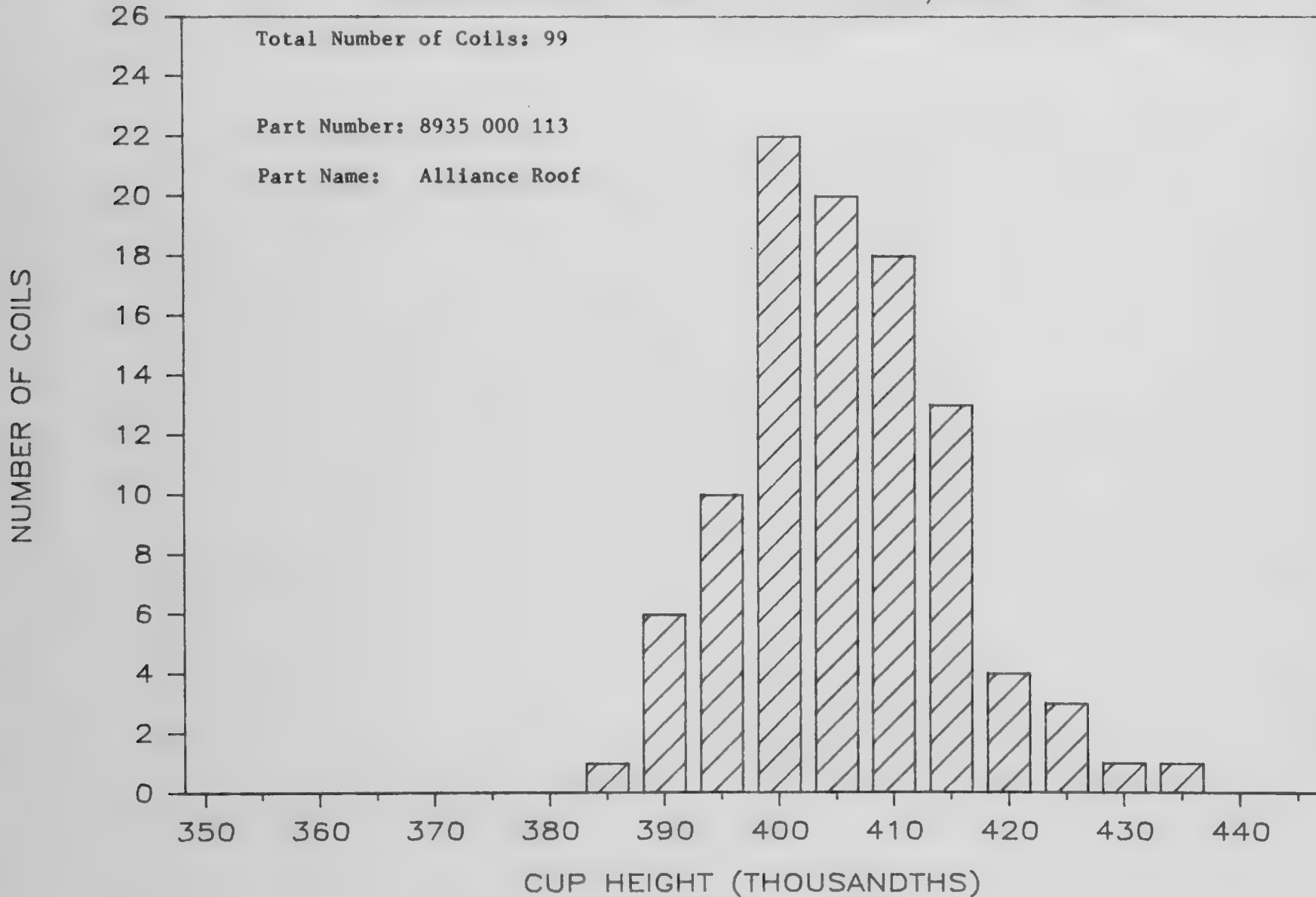
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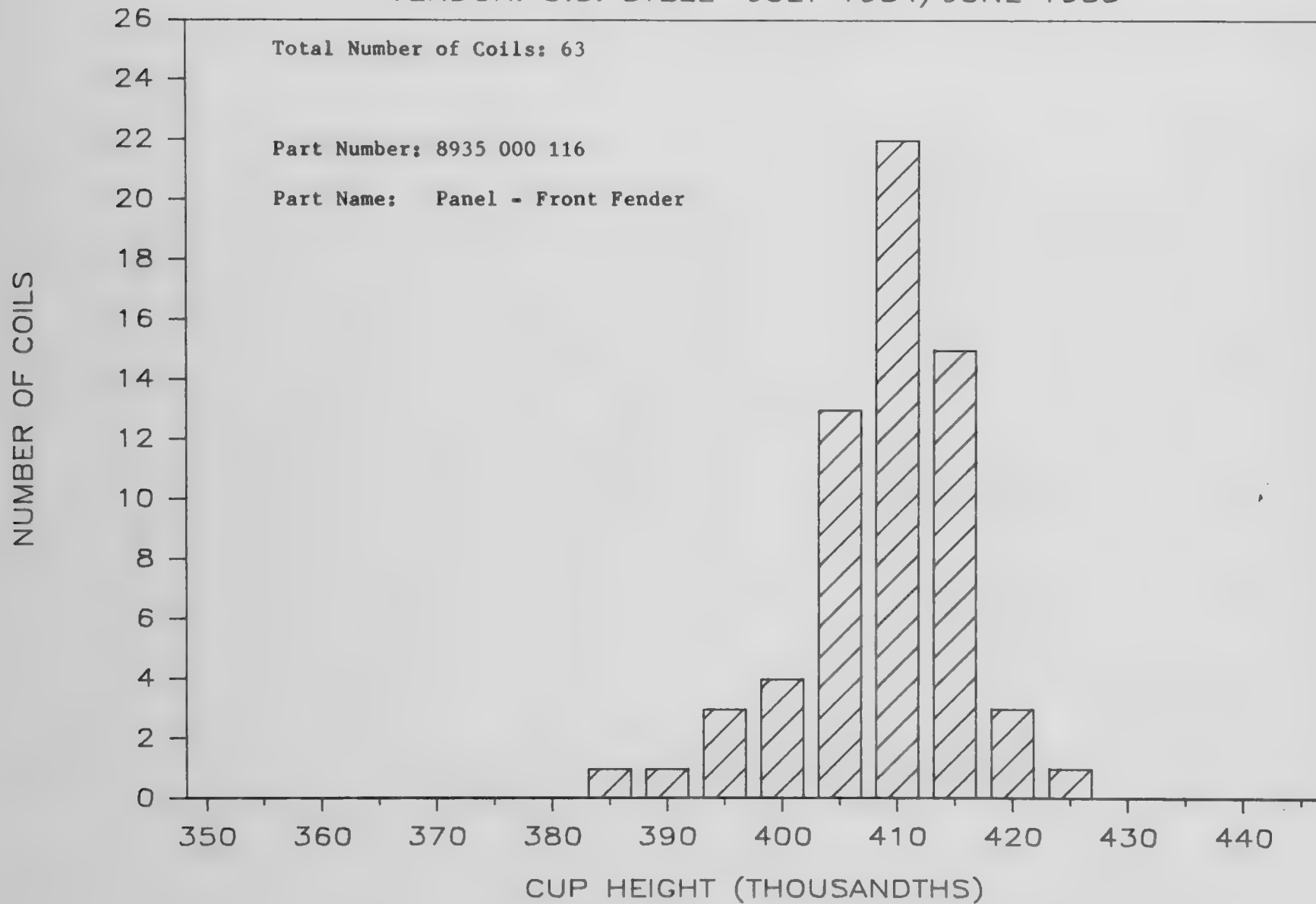
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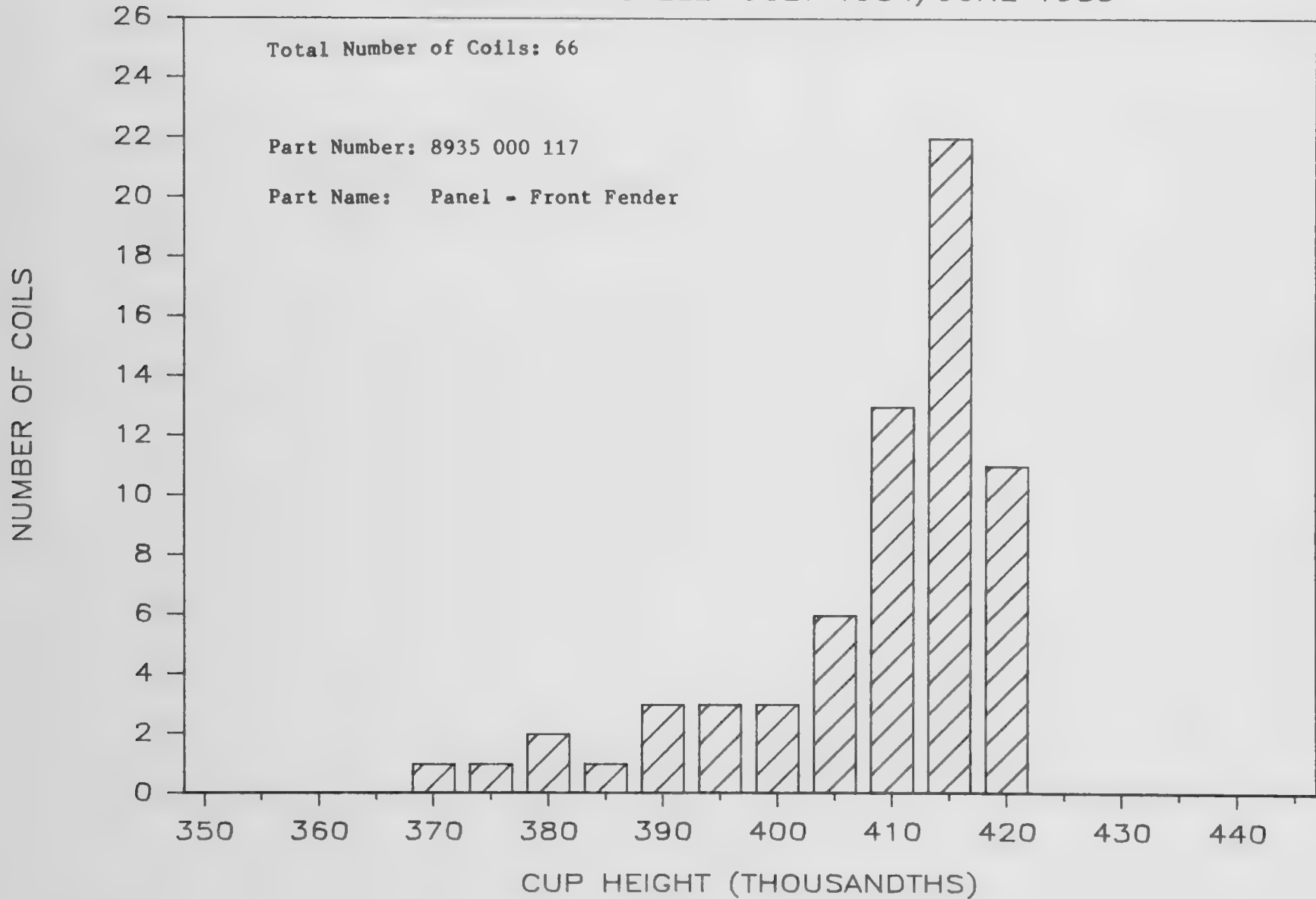
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# OLSEN CUP HISTOGRAM

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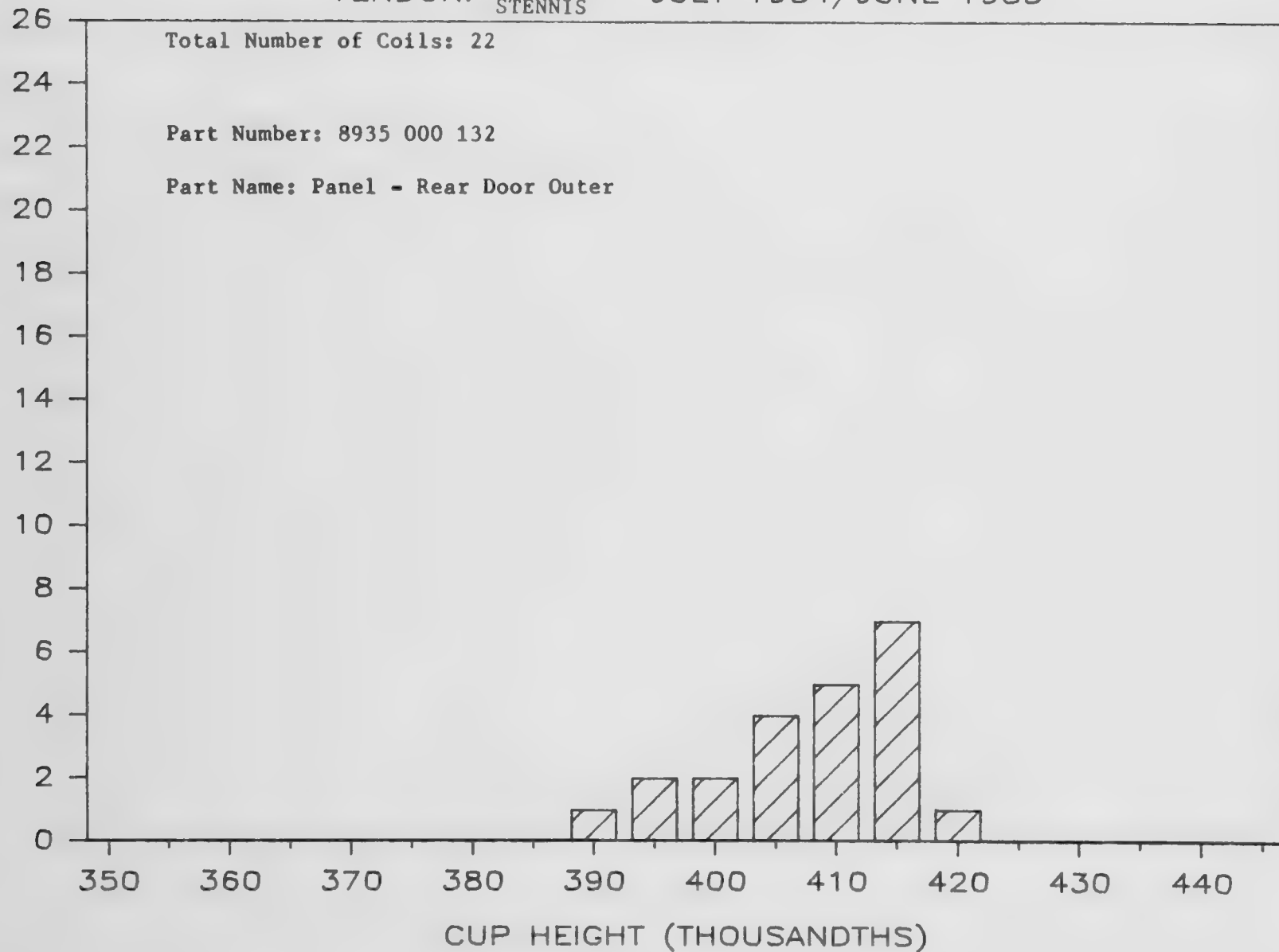


# OLSEN CUP HISTOGRAM

VENDOR: COCKERILL  
STENNIS

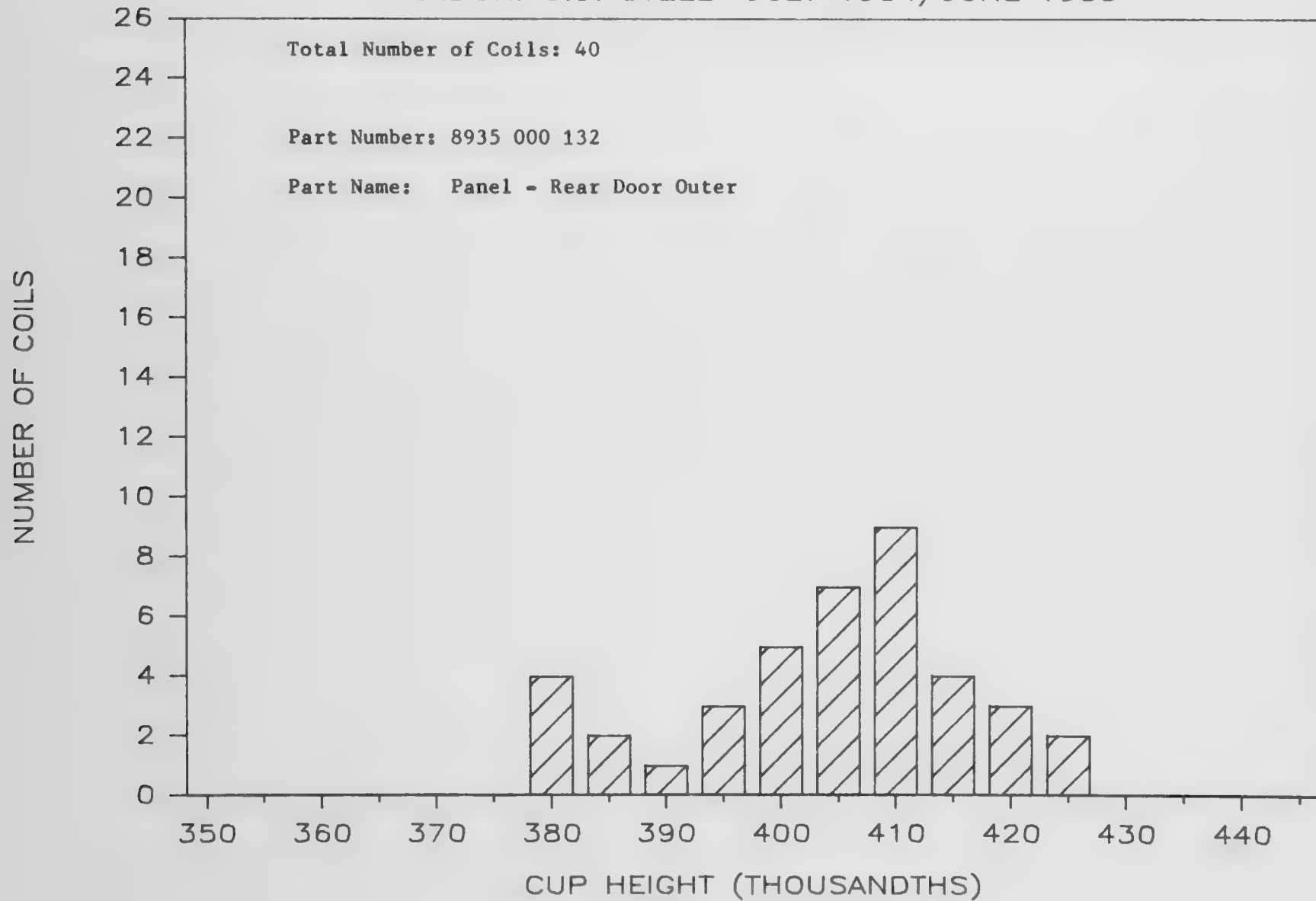
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NUMBER OF COILS



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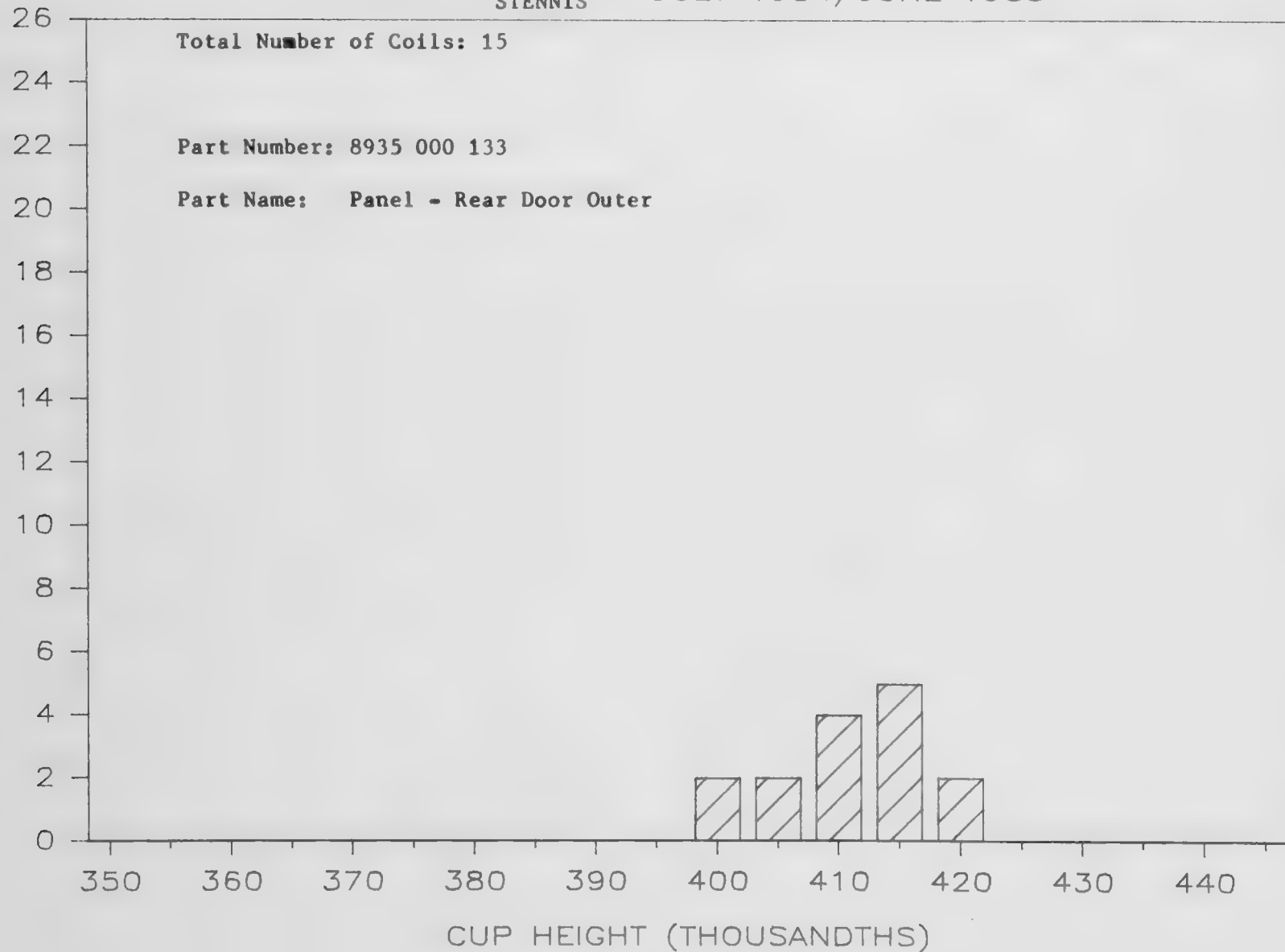
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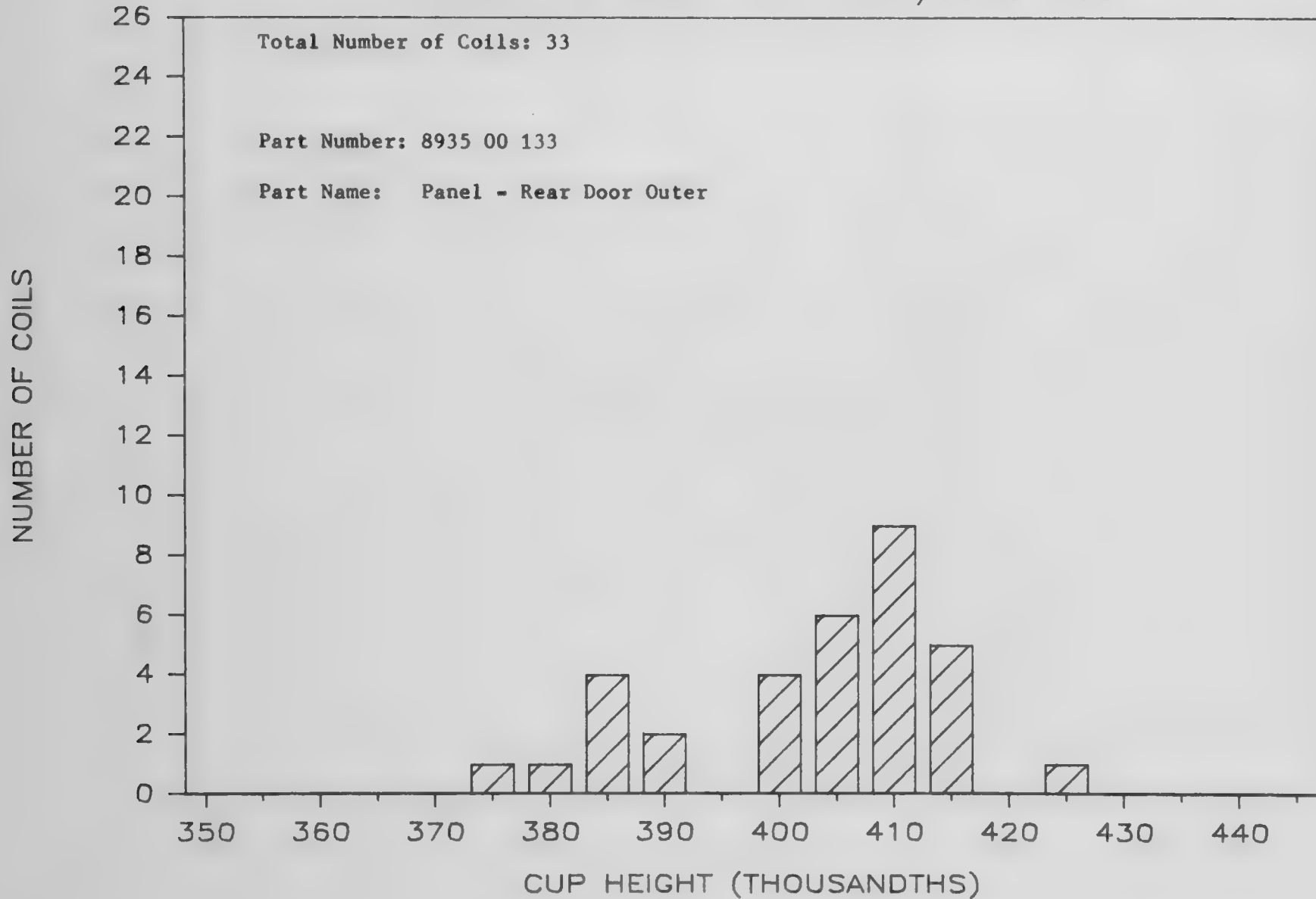
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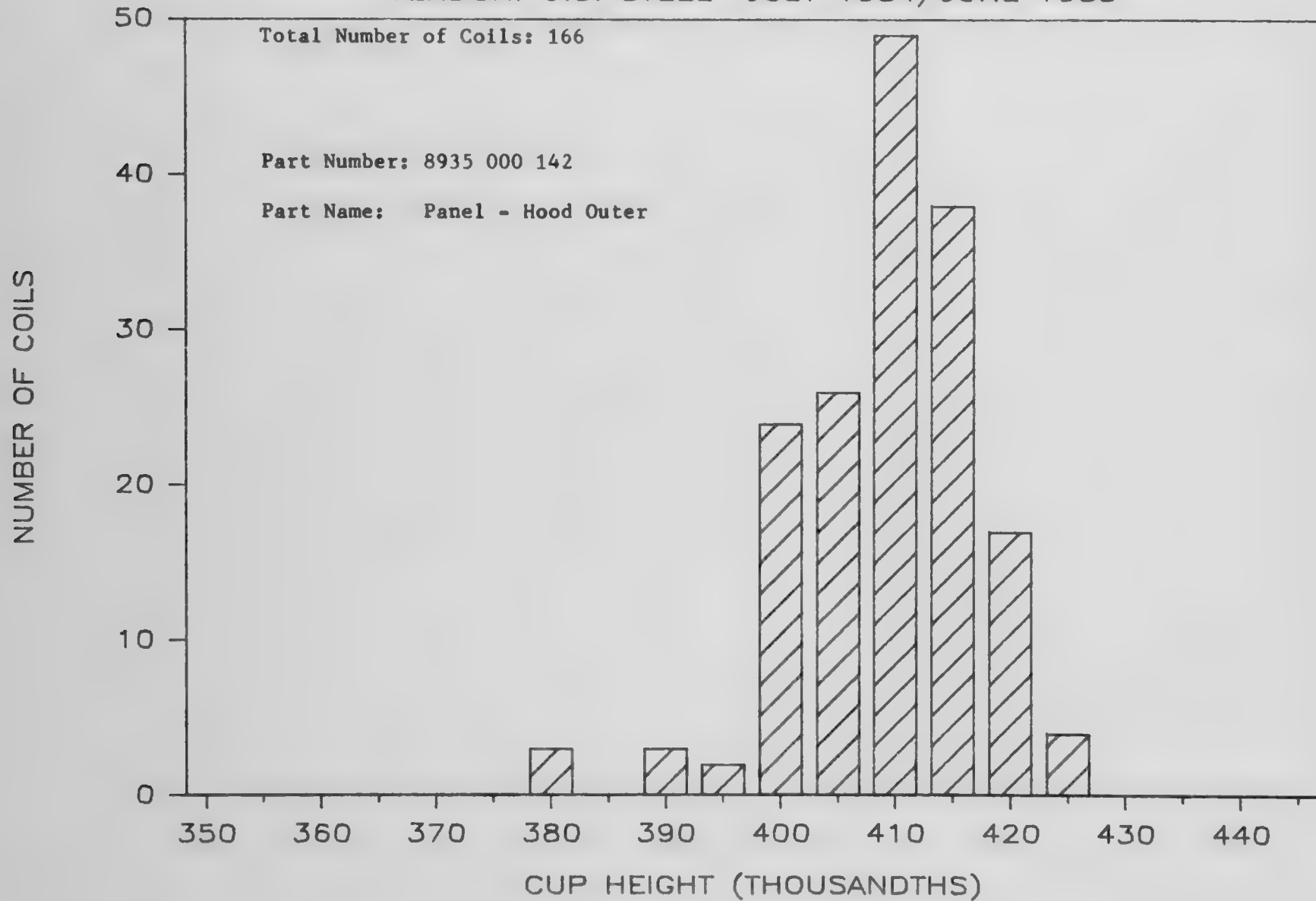
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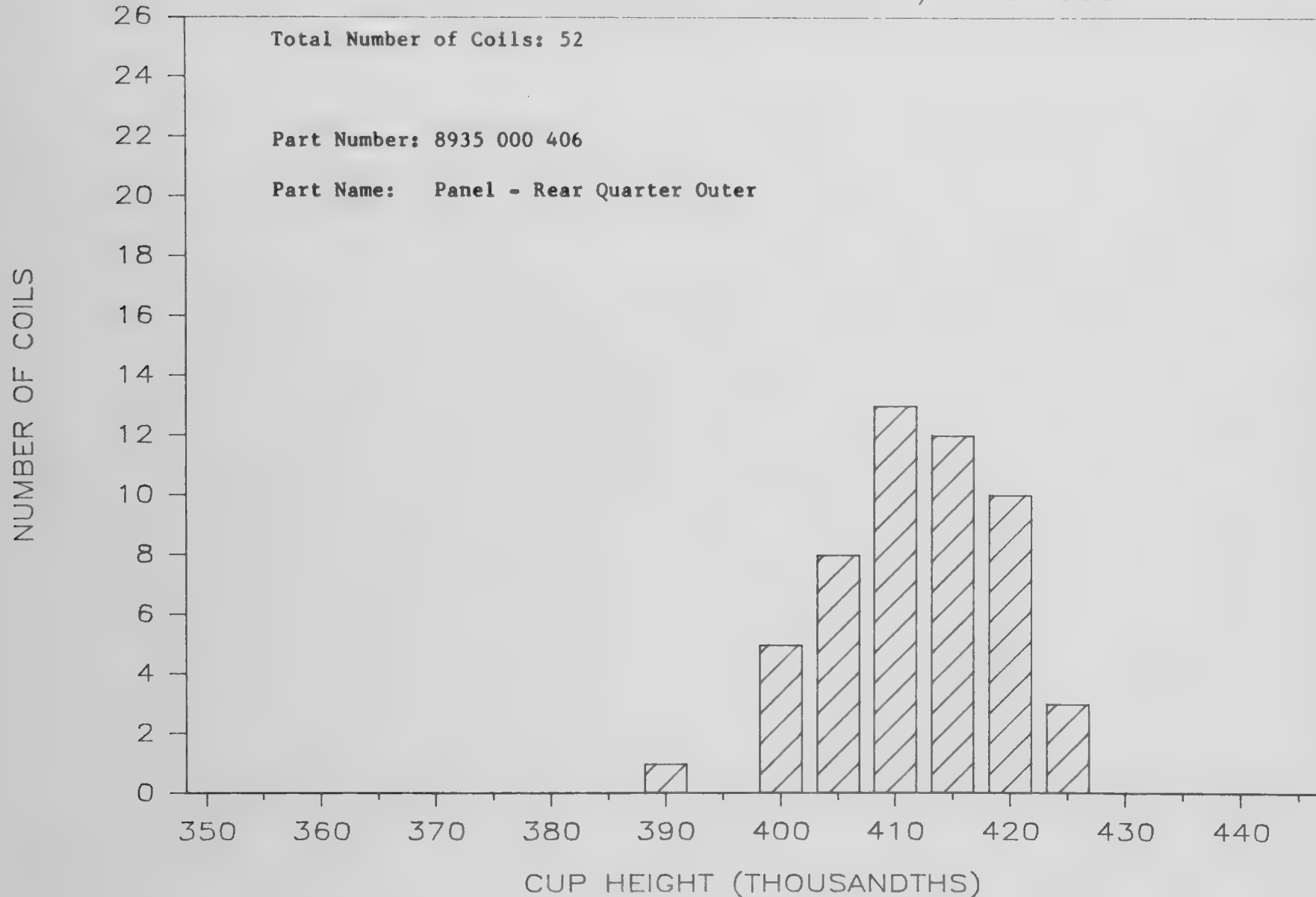
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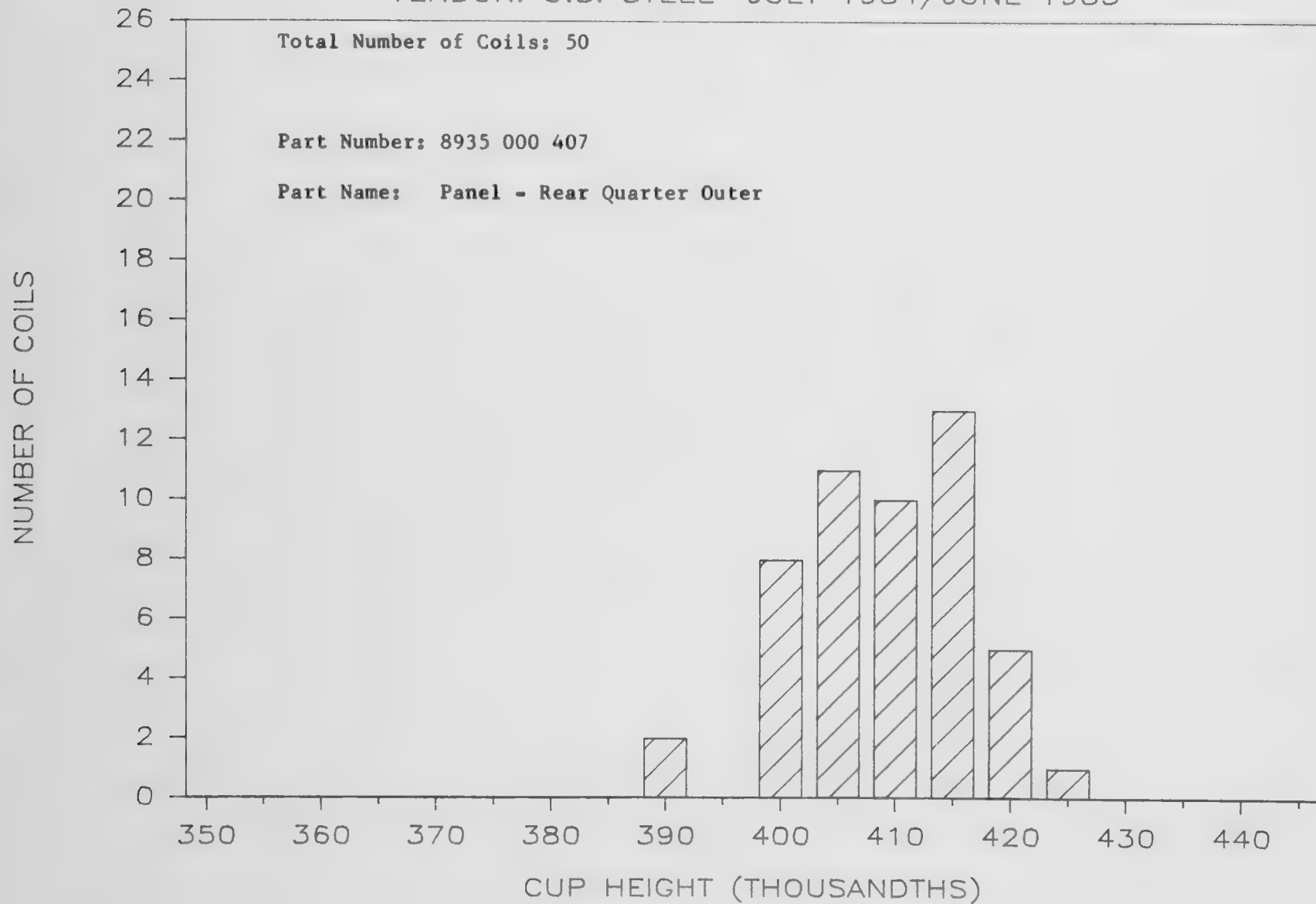
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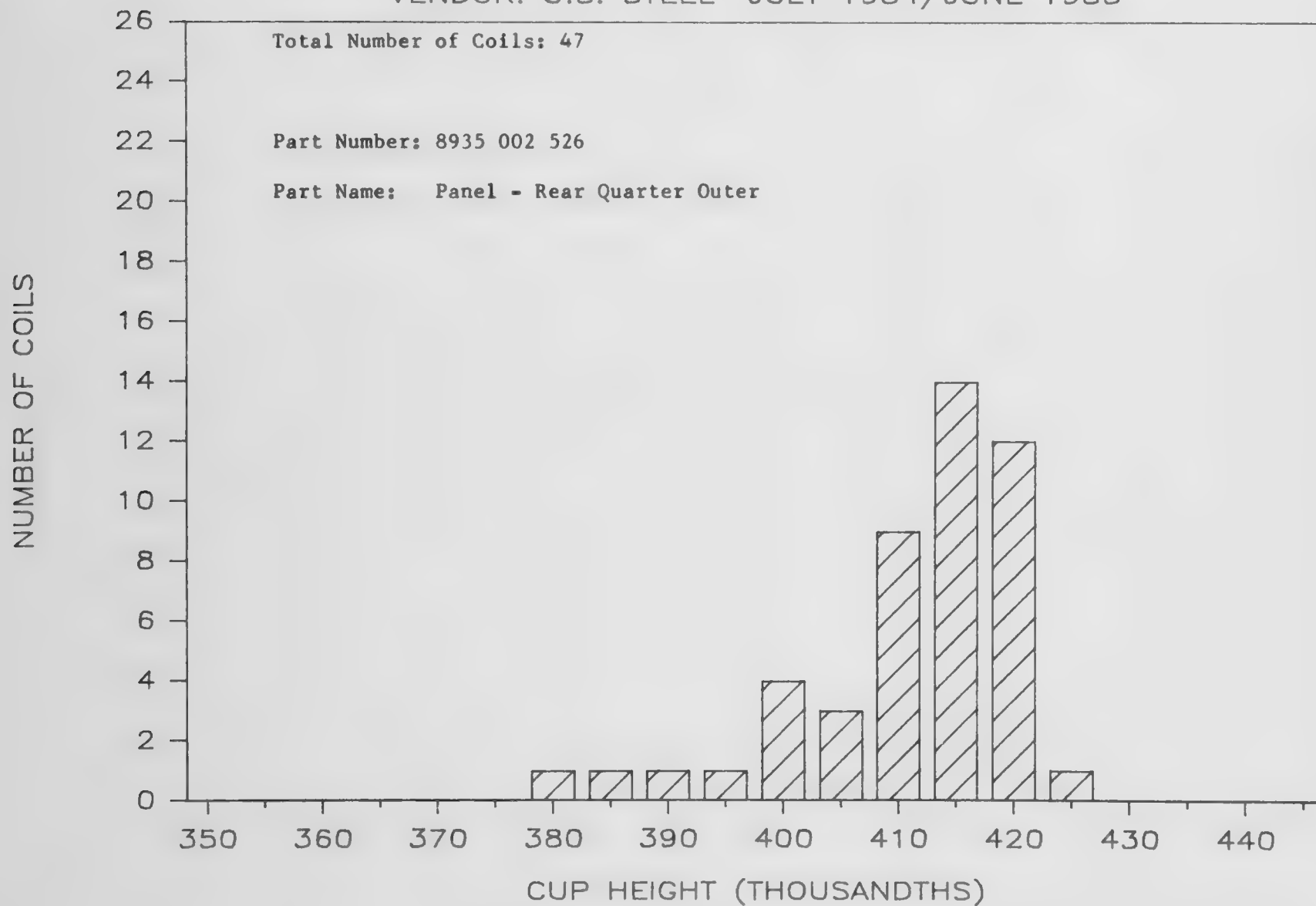
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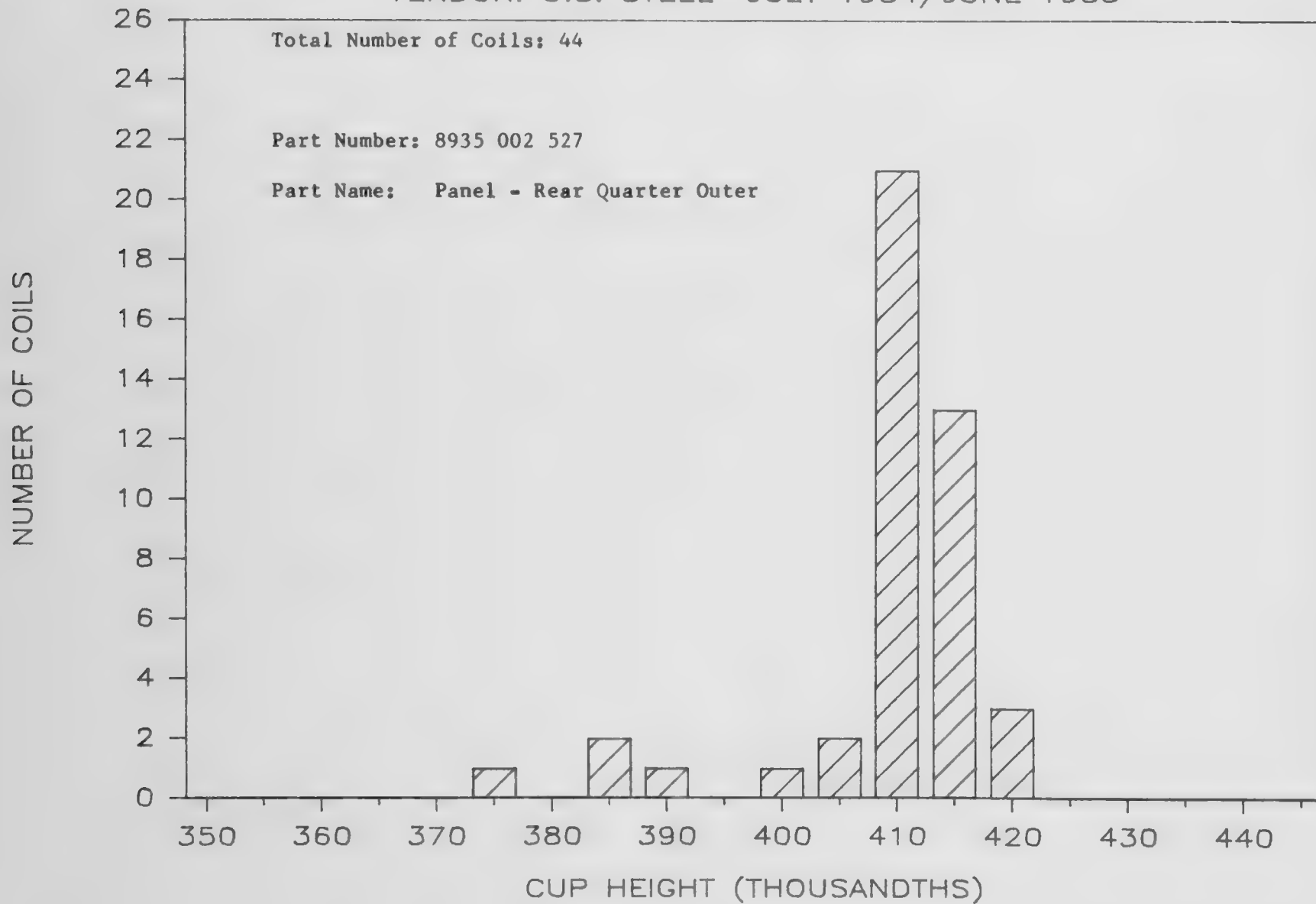
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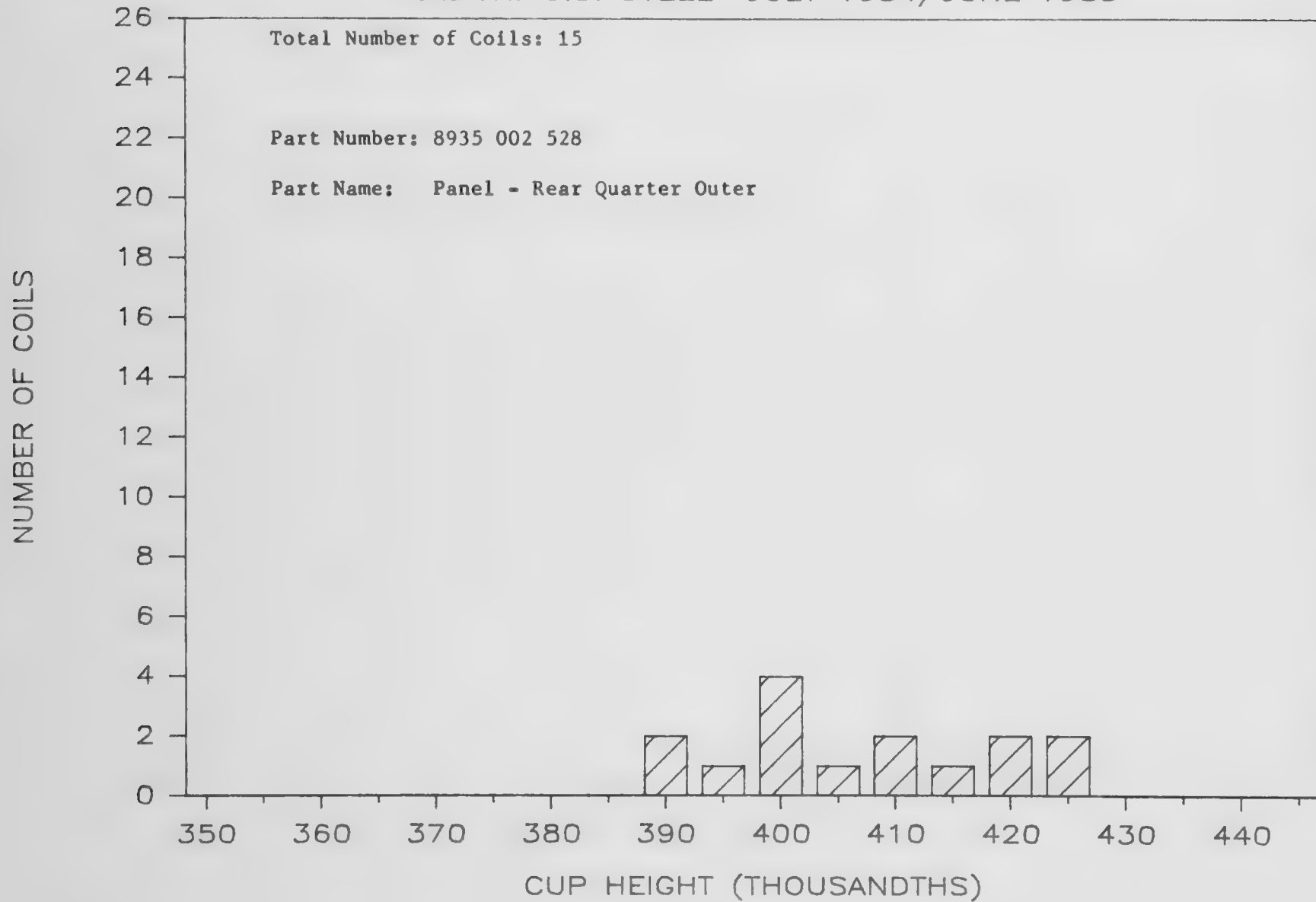
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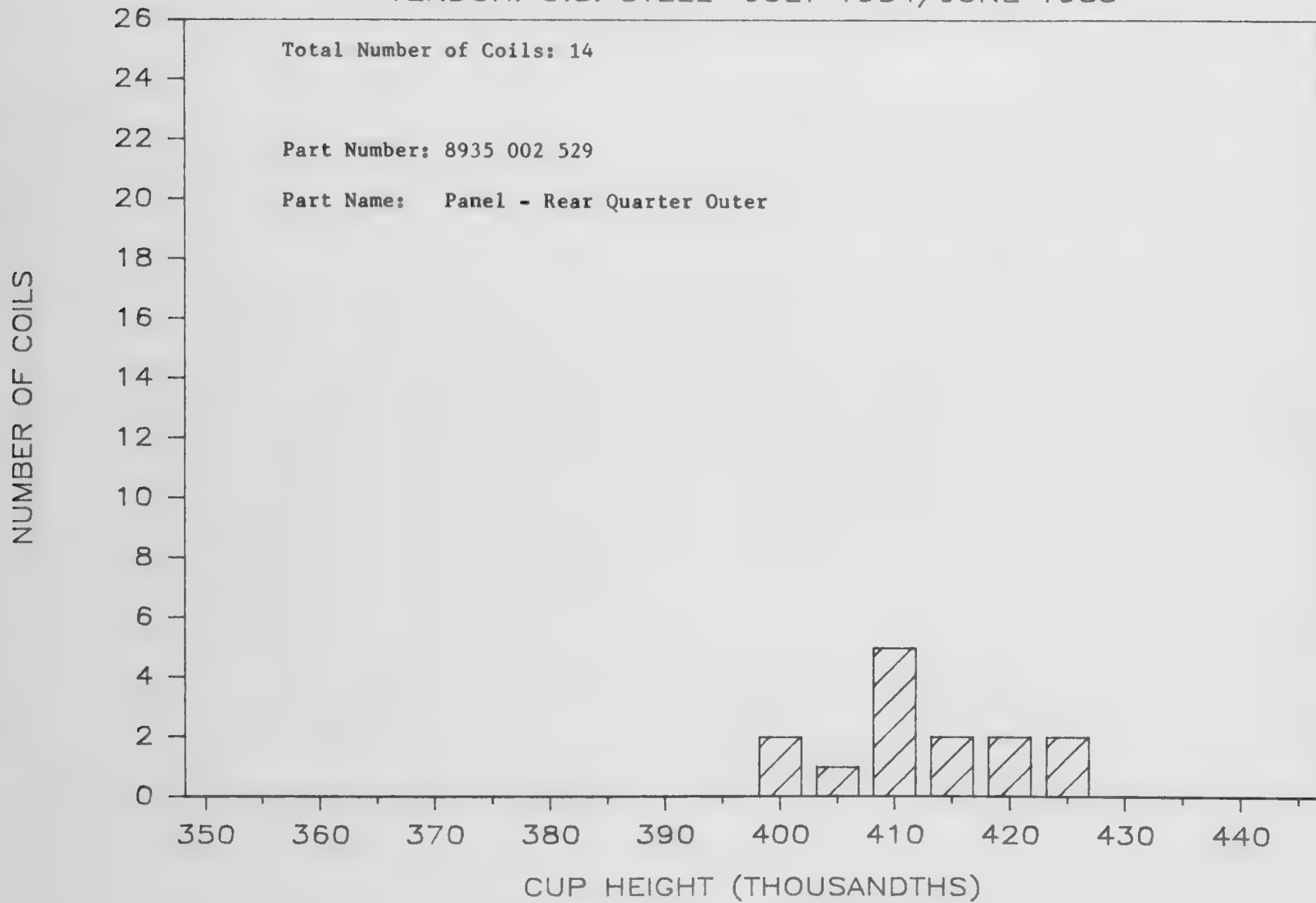
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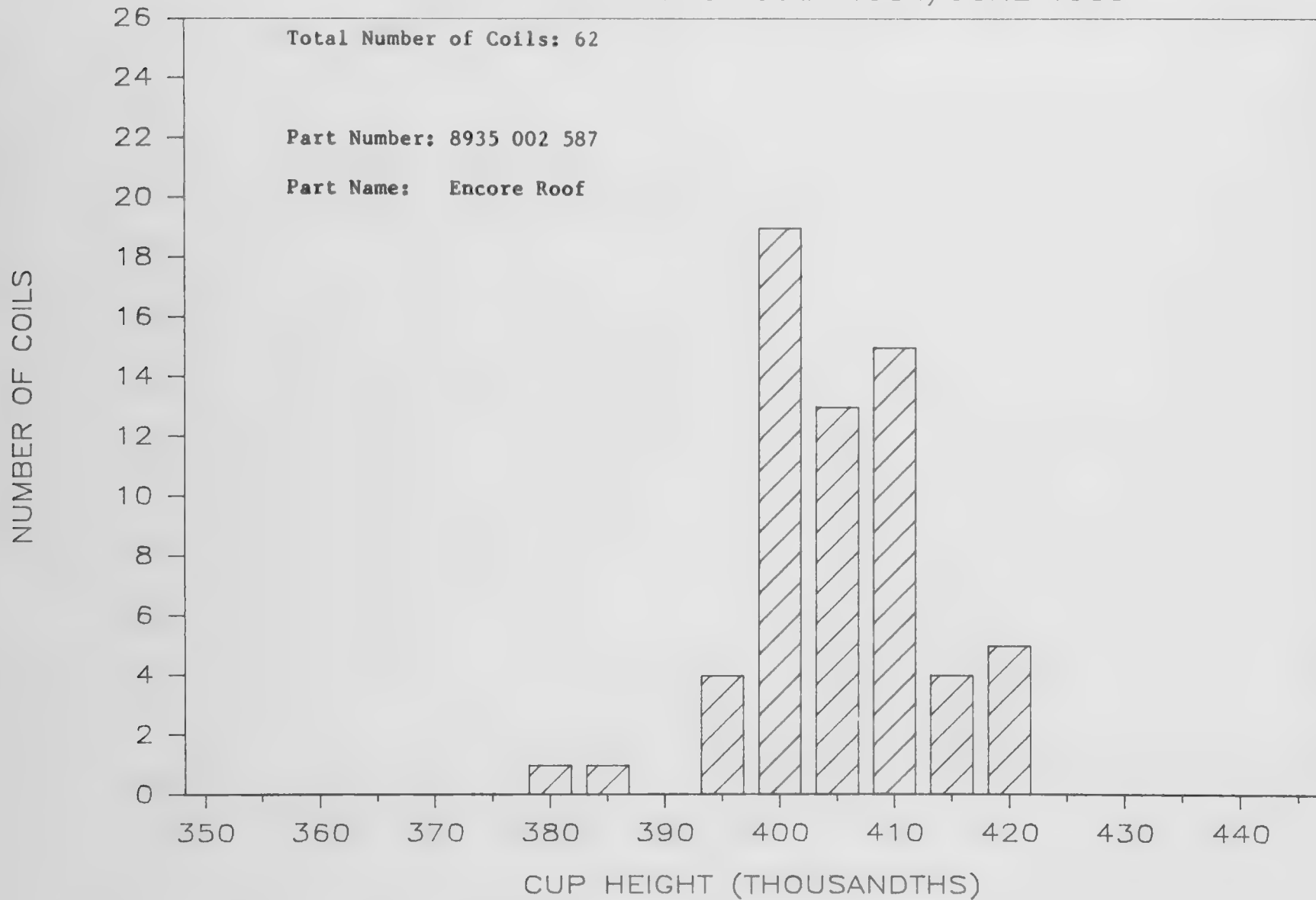
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VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# OLSEN CUP HISTOGRAM

VENDOR:GREAT LAKES JULY 1984/JUNE 1985



# OLSEN CUP HISTOGRAM

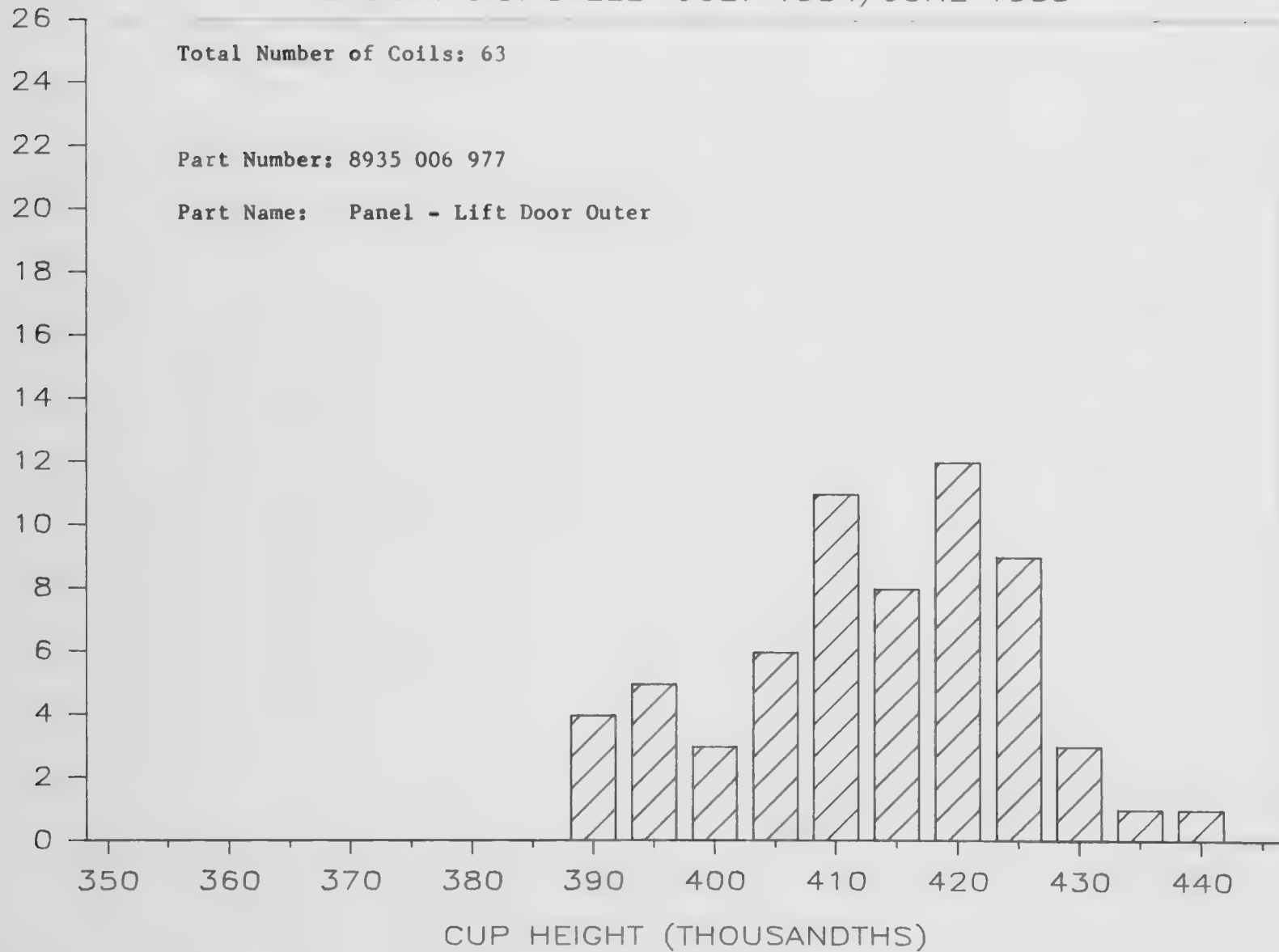
VENDOR: U.S. STEEL JULY 1984/JUNE 1985

Total Number of Coils: 63

Part Number: 8935 006 977

Part Name: Panel - Lift Door Outer

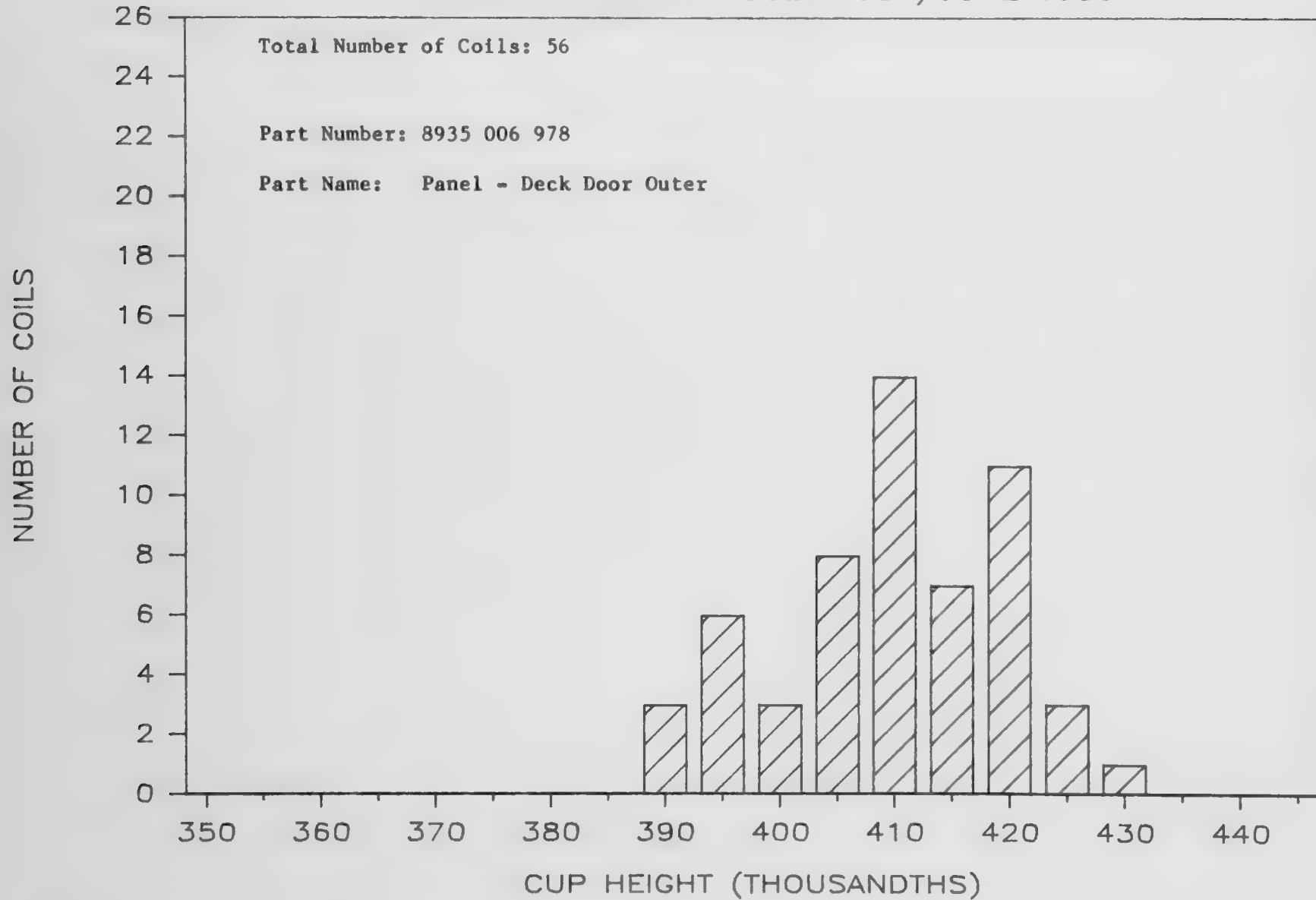
NUMBER OF COILS





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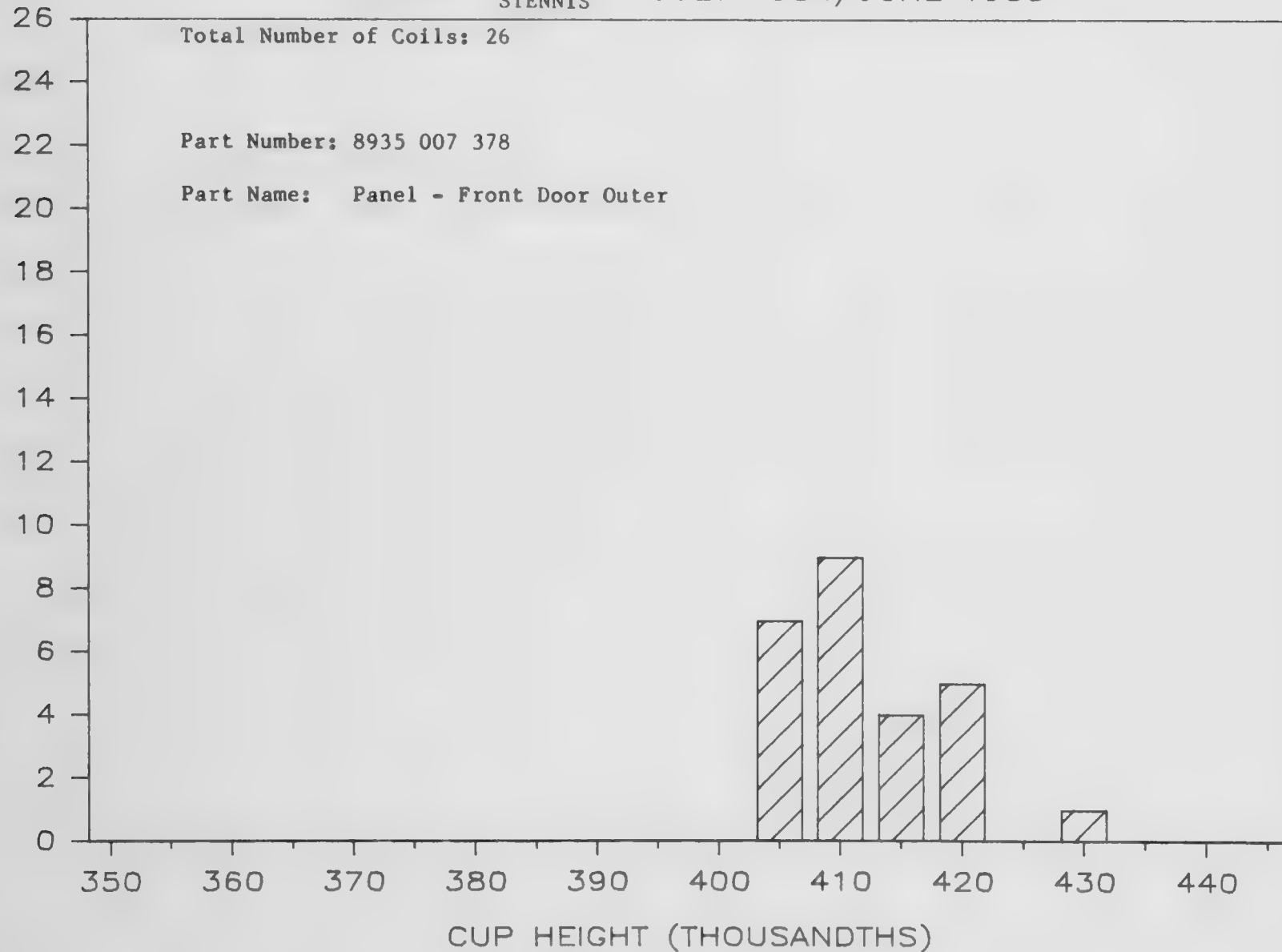
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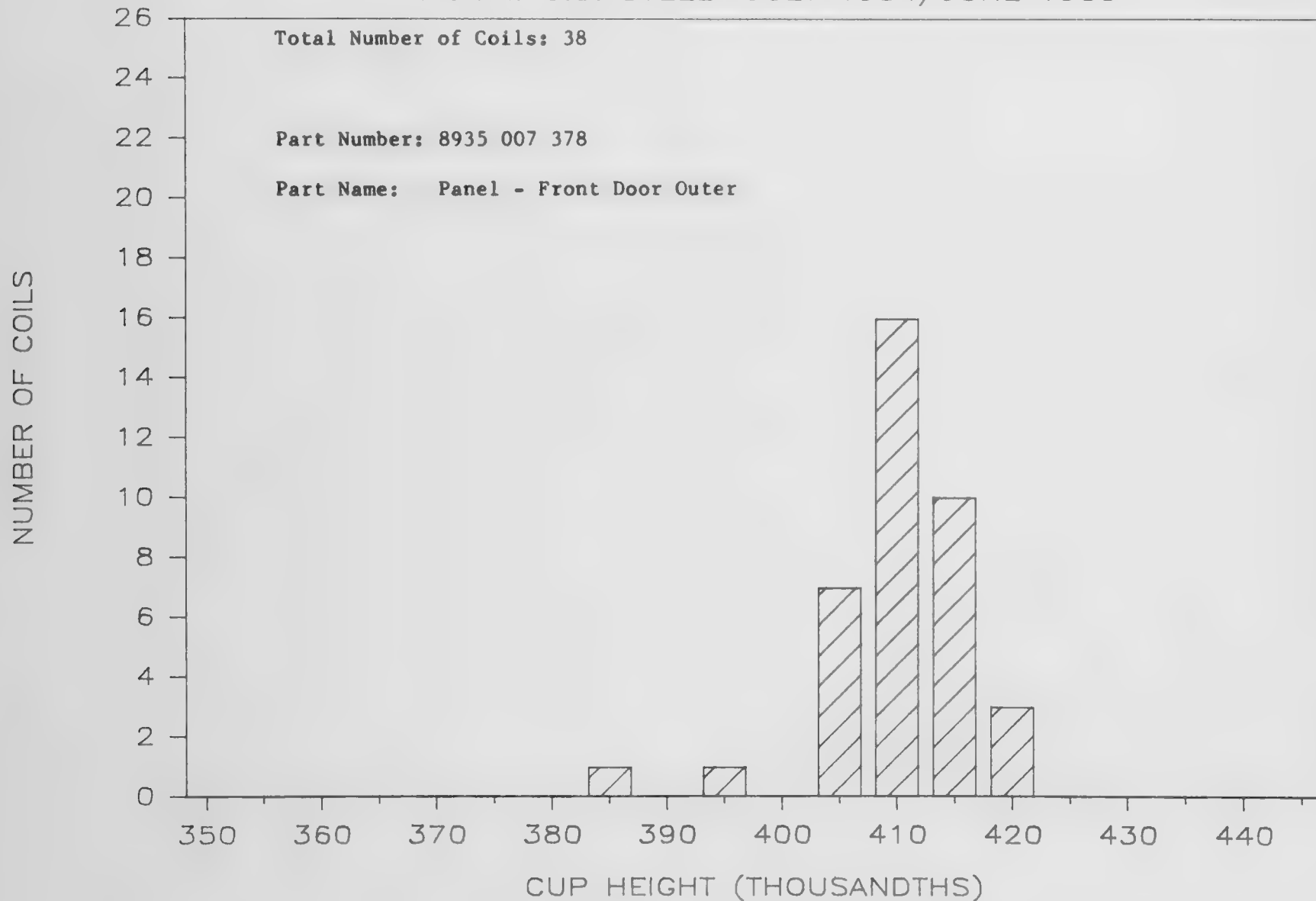
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STENNIS

JULY 1984/JUNE 1985



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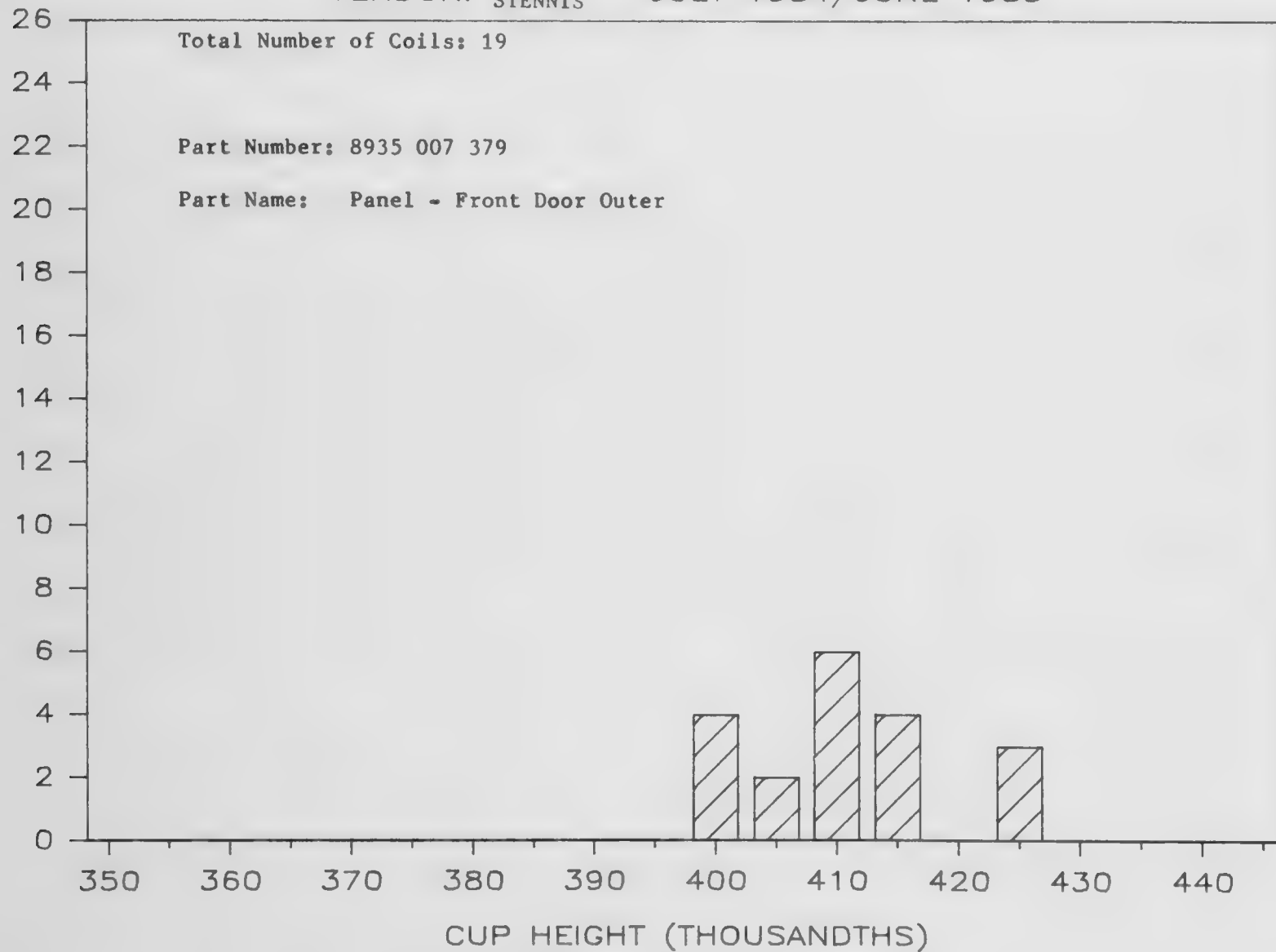


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STENNIS

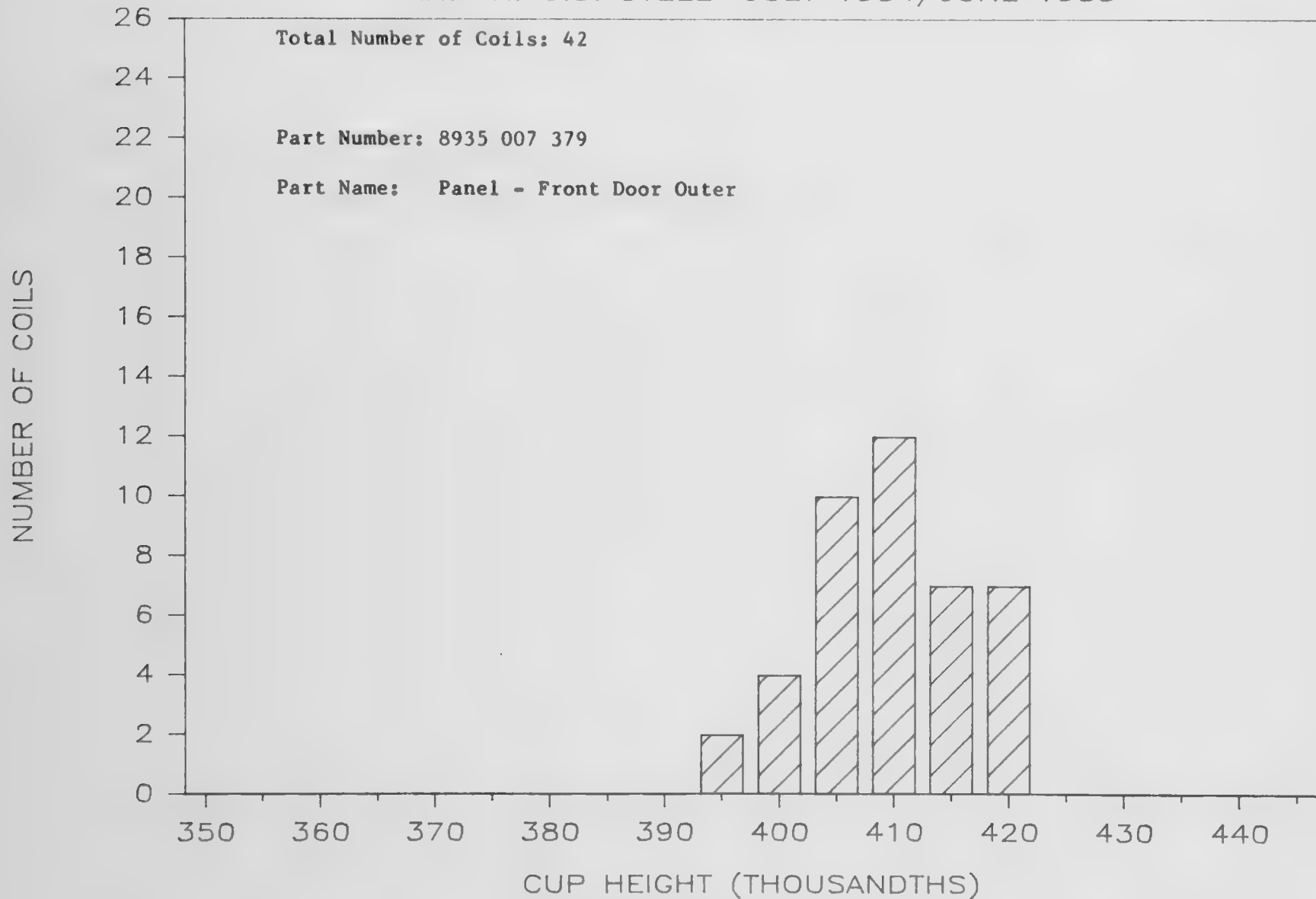
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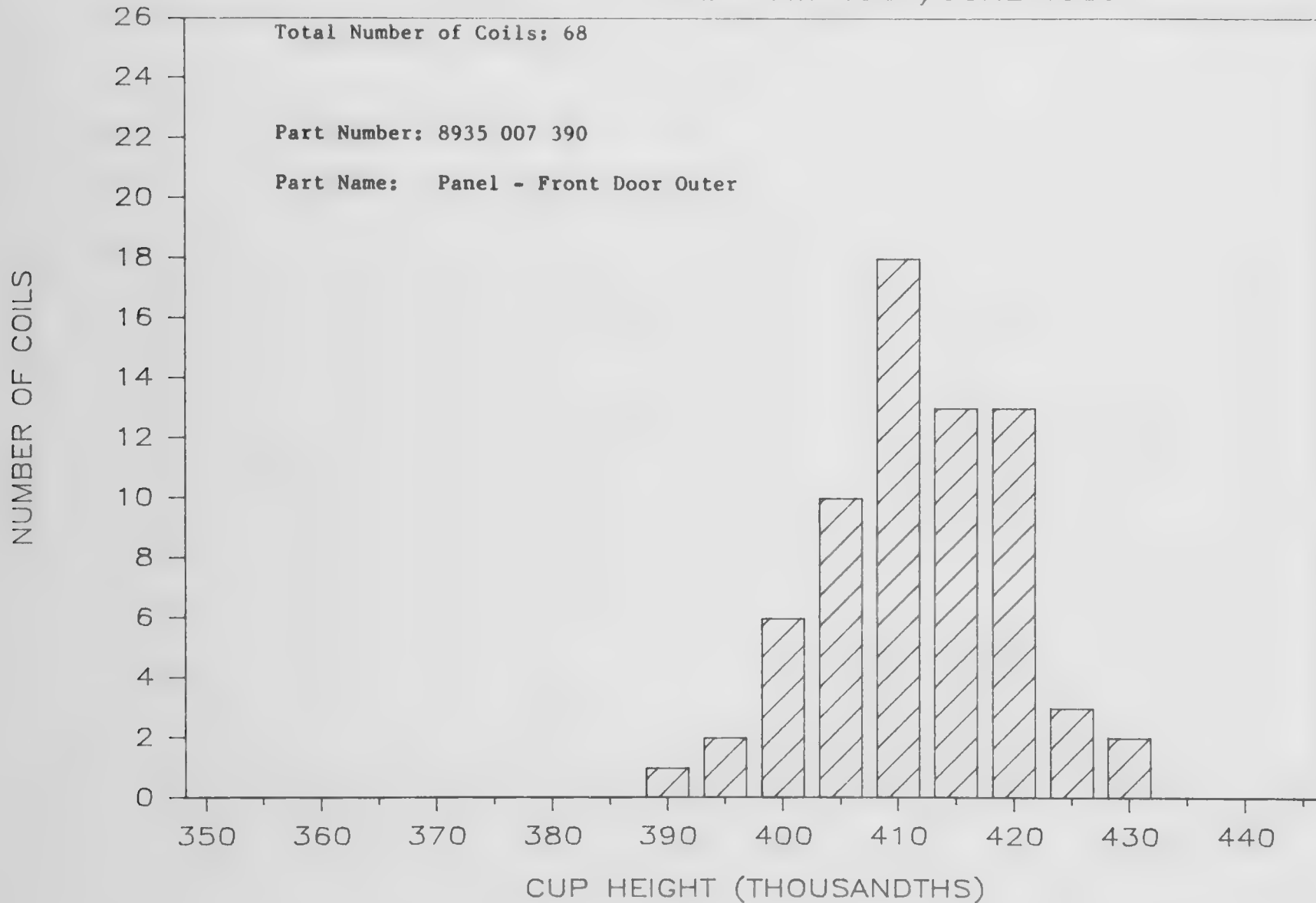
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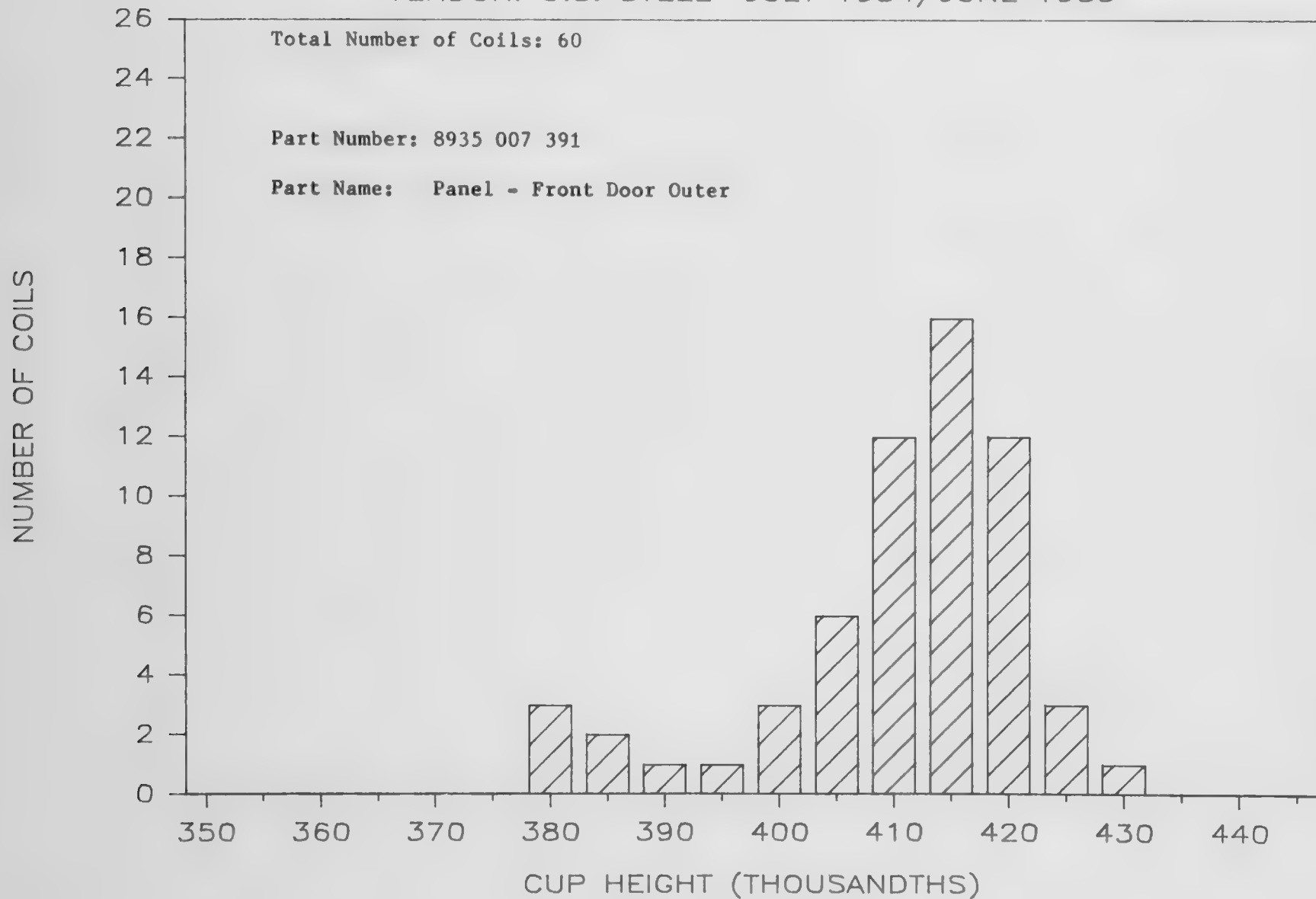
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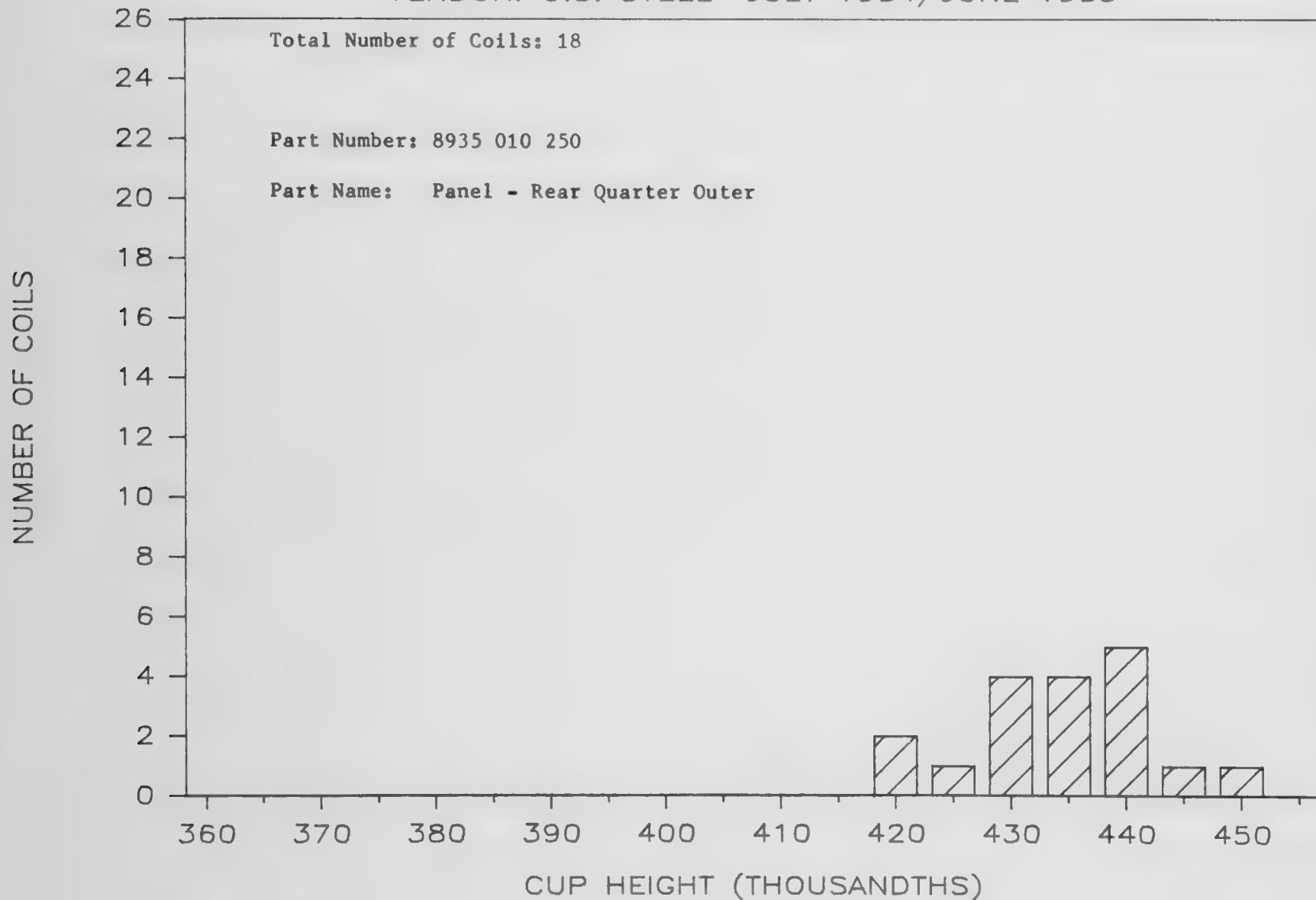
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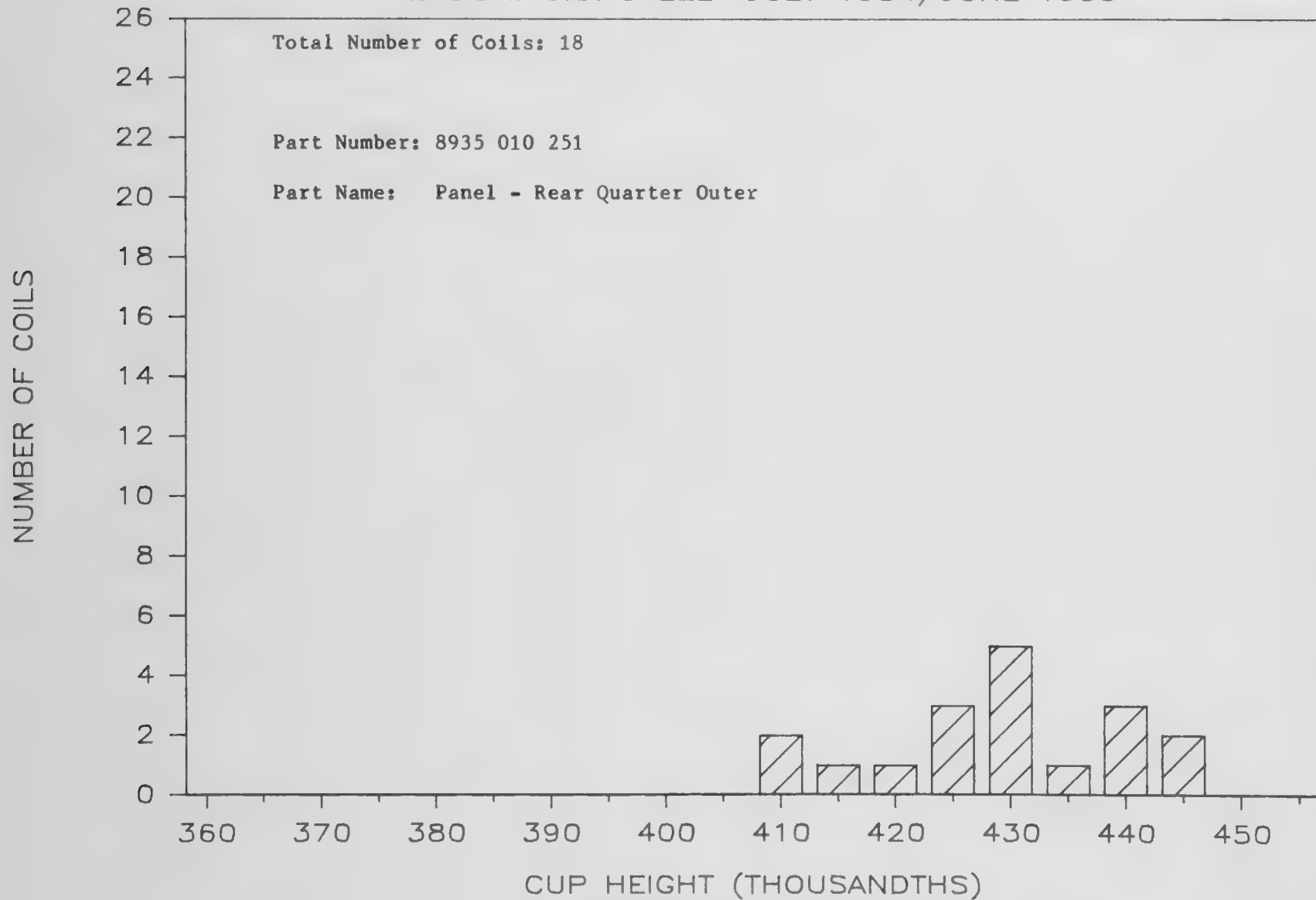
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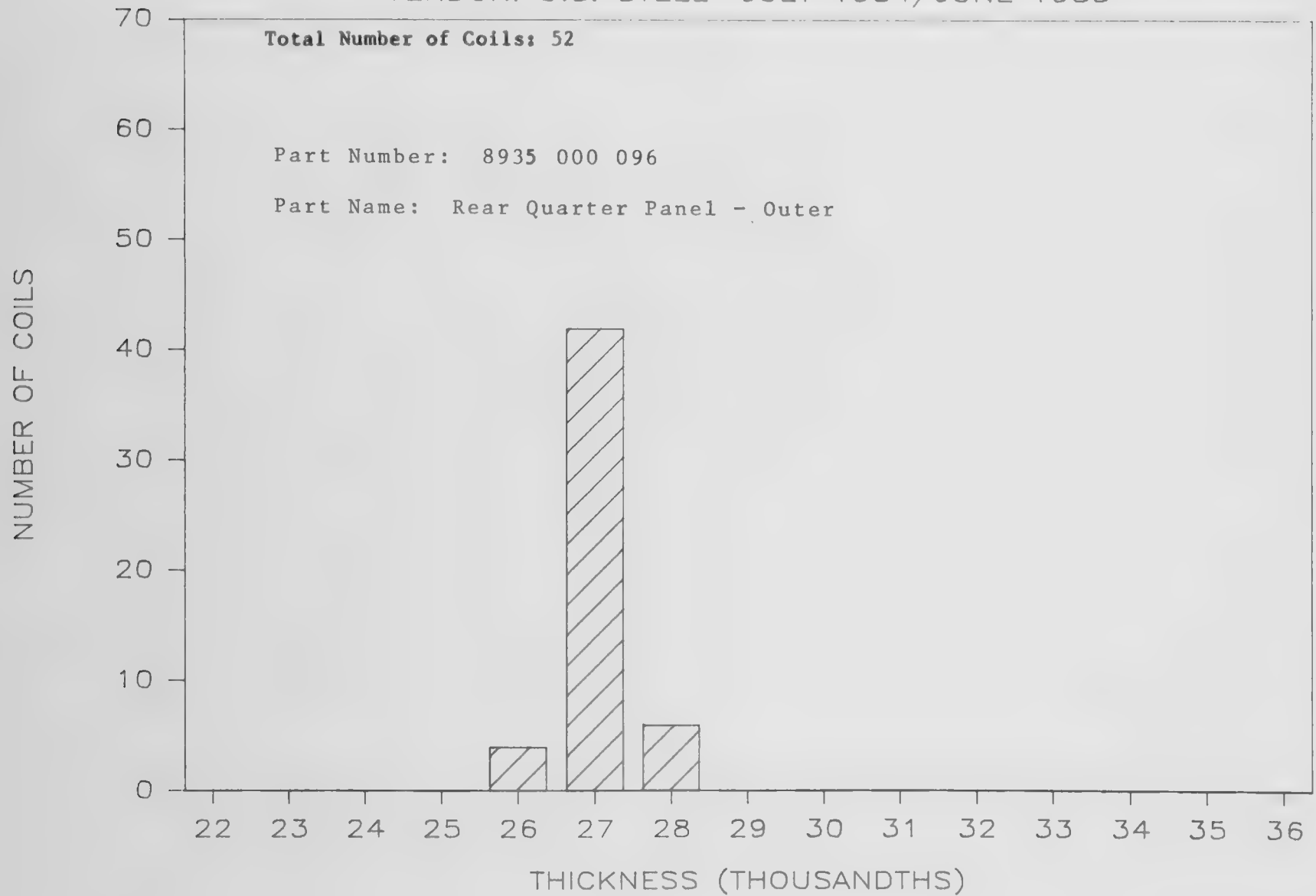
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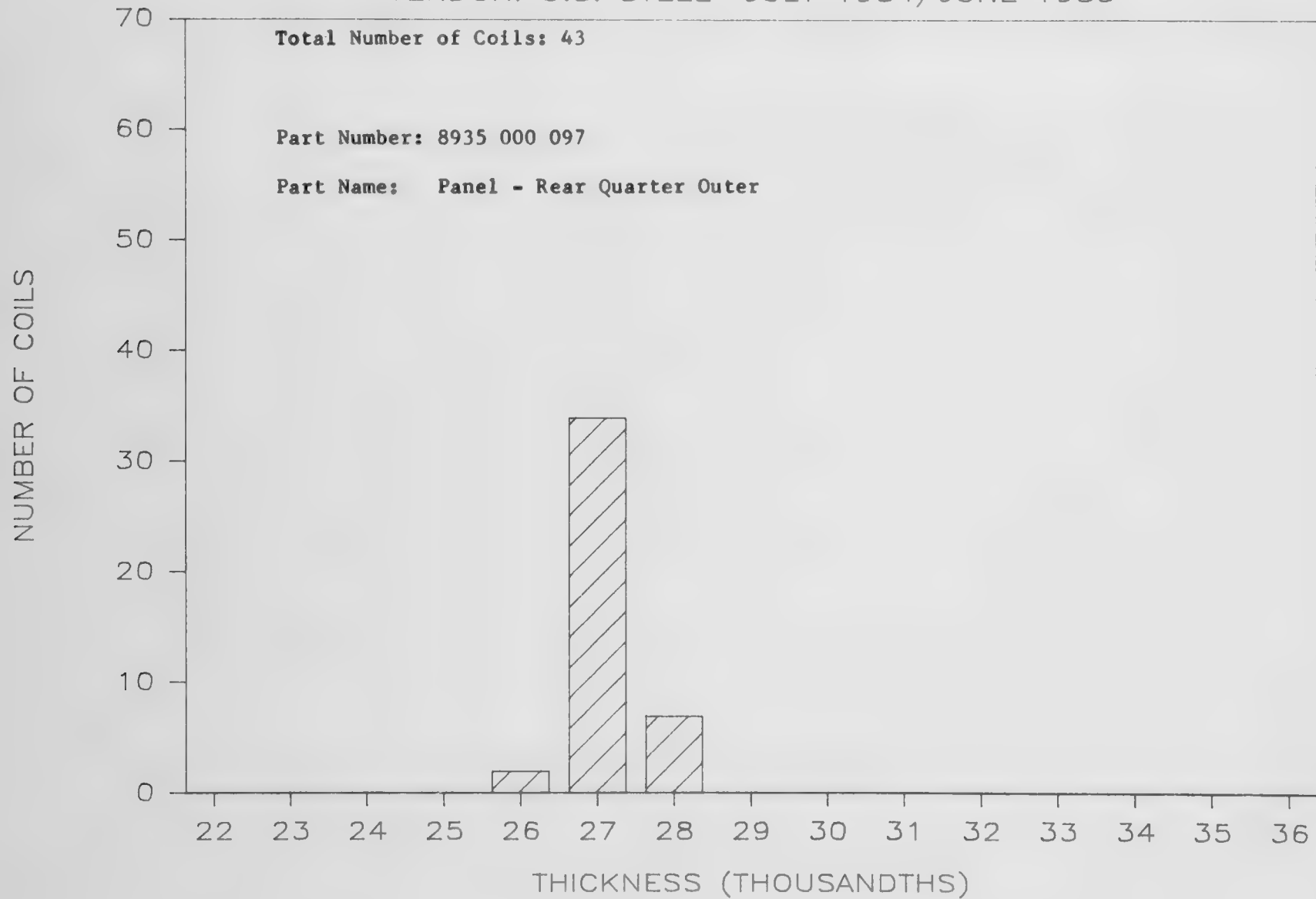
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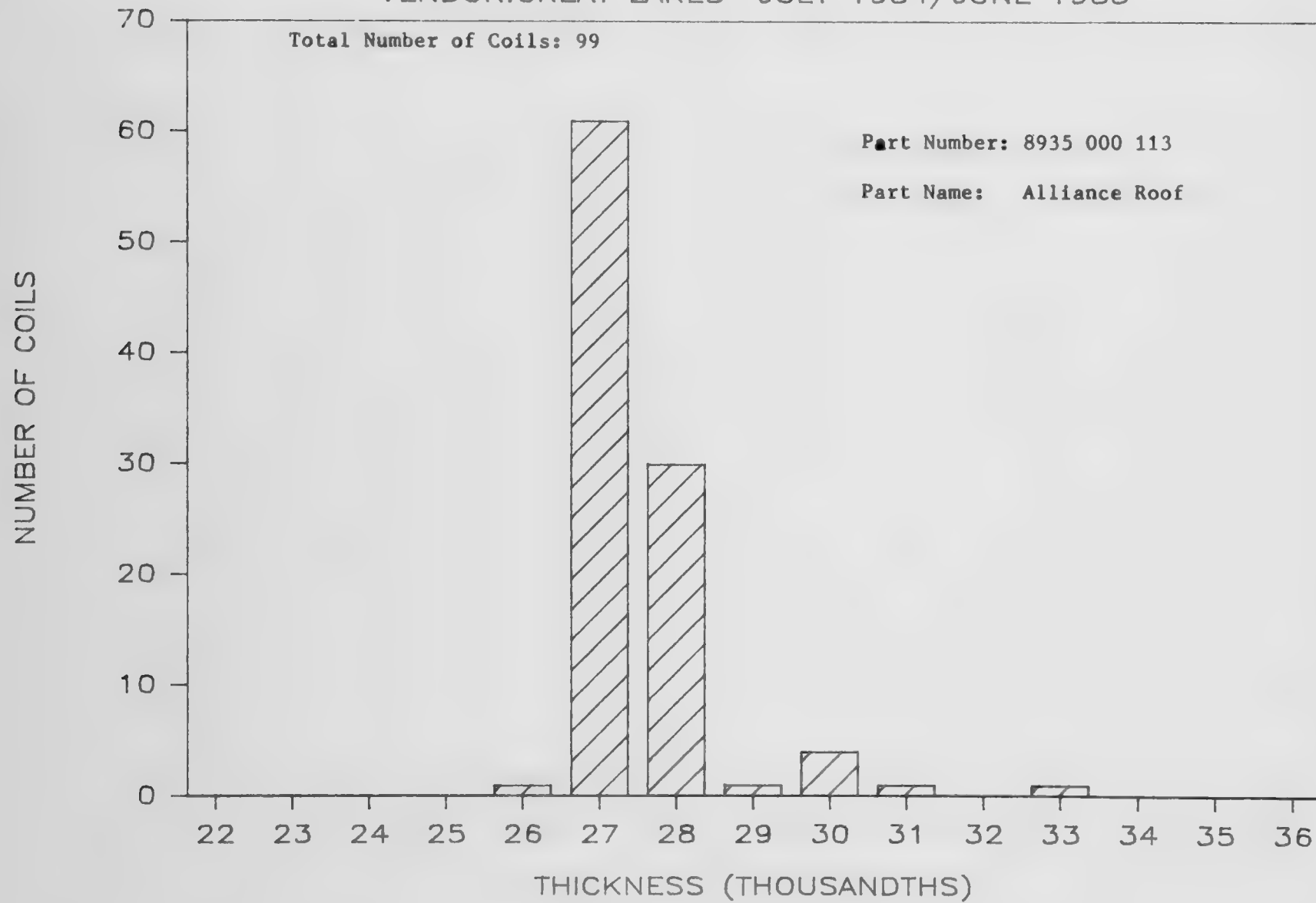
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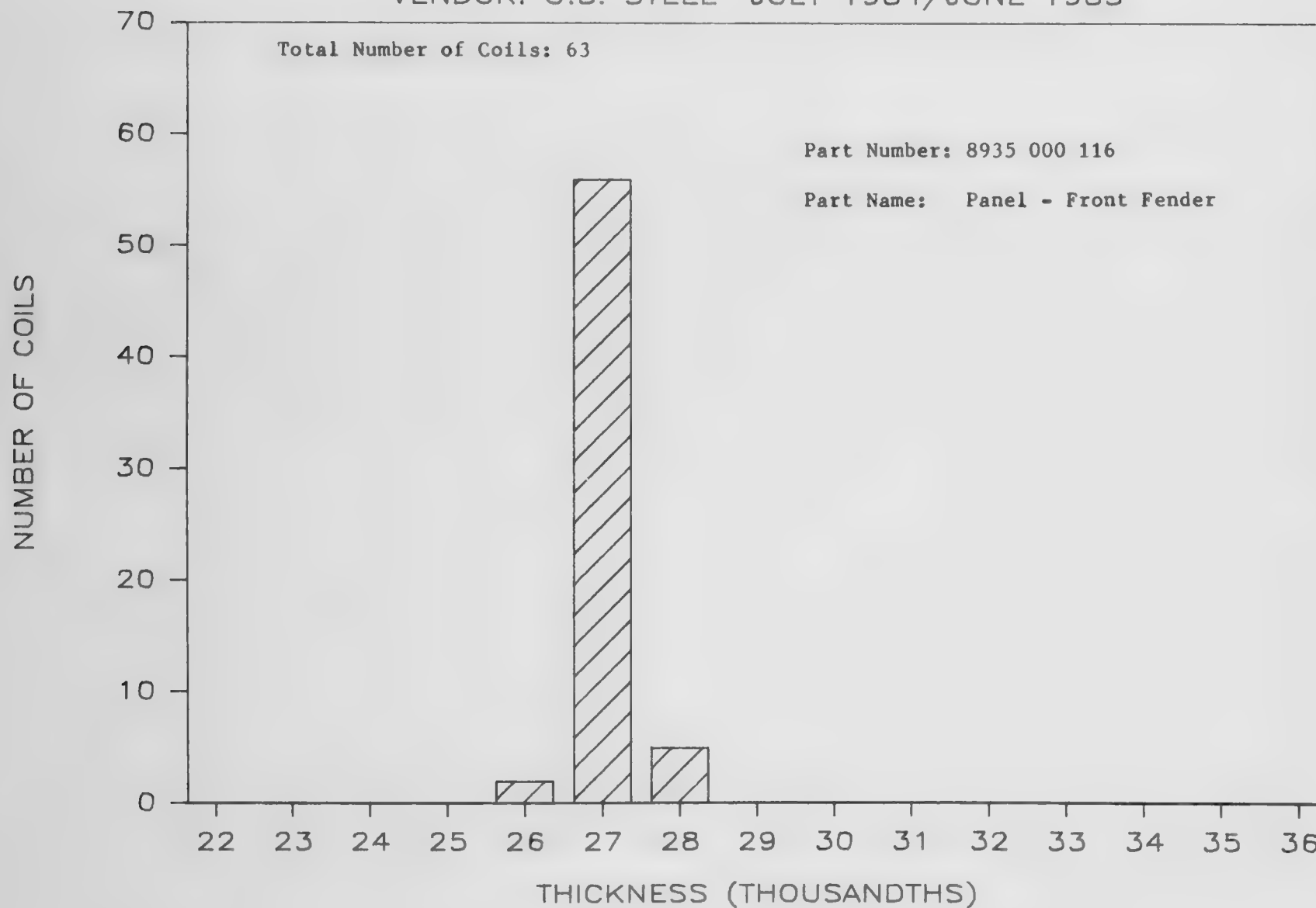
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VENDOR:GREAT LAKES JULY 1984/JUNE 1985



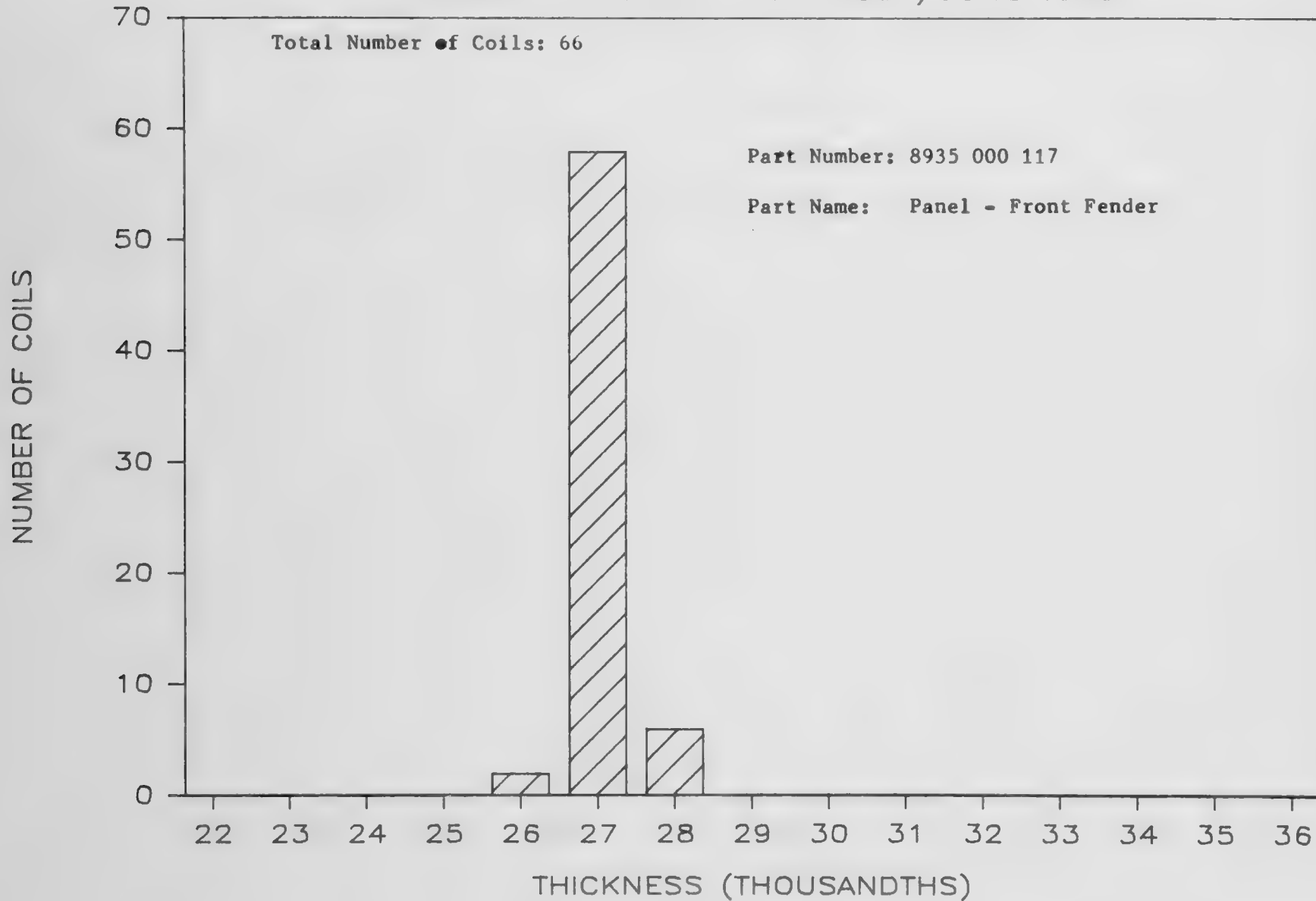
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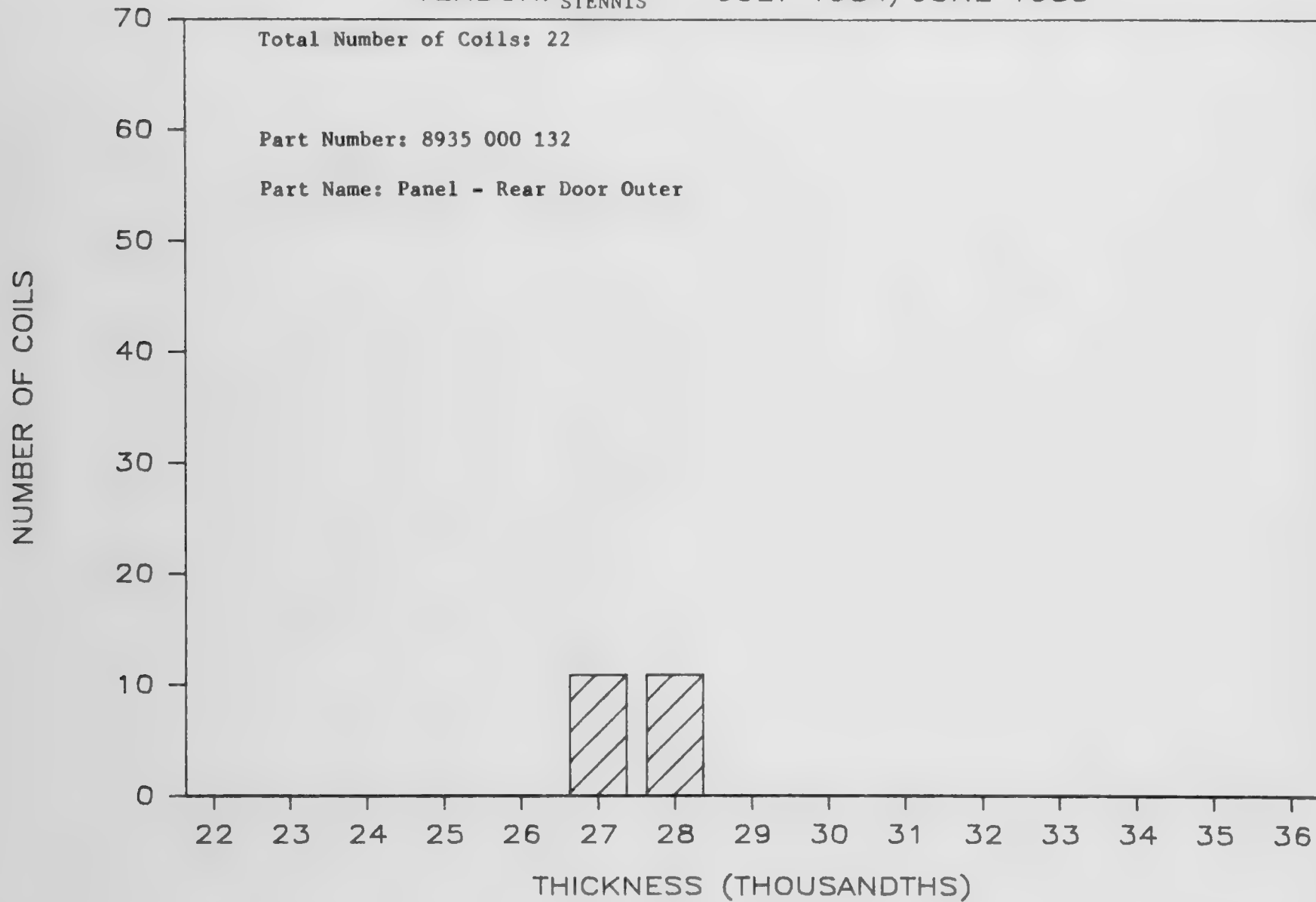
VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# THICKNESS HISTOGRAM

VENDOR: COCKERILL  
STENNIS

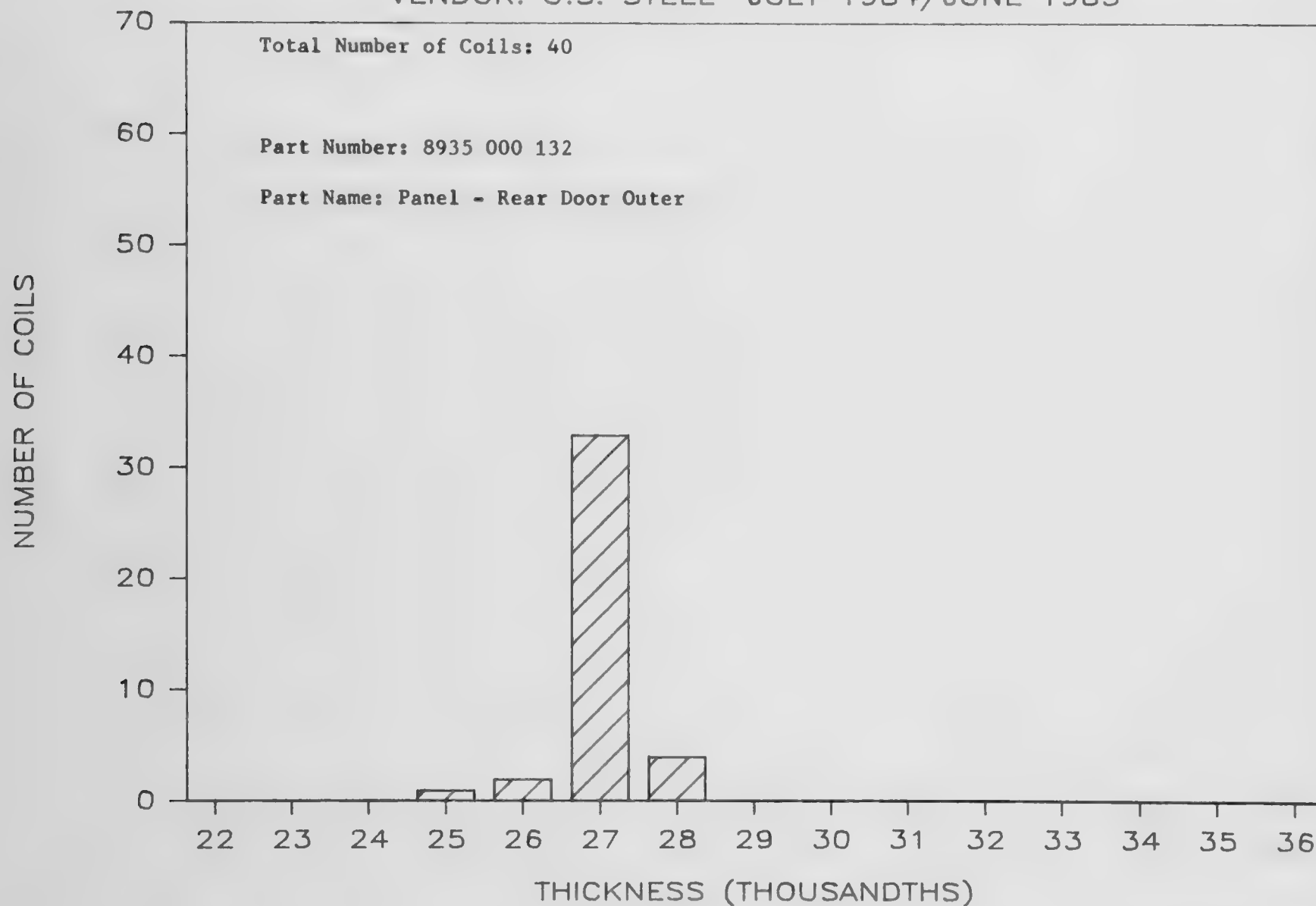
JULY 1984/JUNE 1985





# THICKNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985

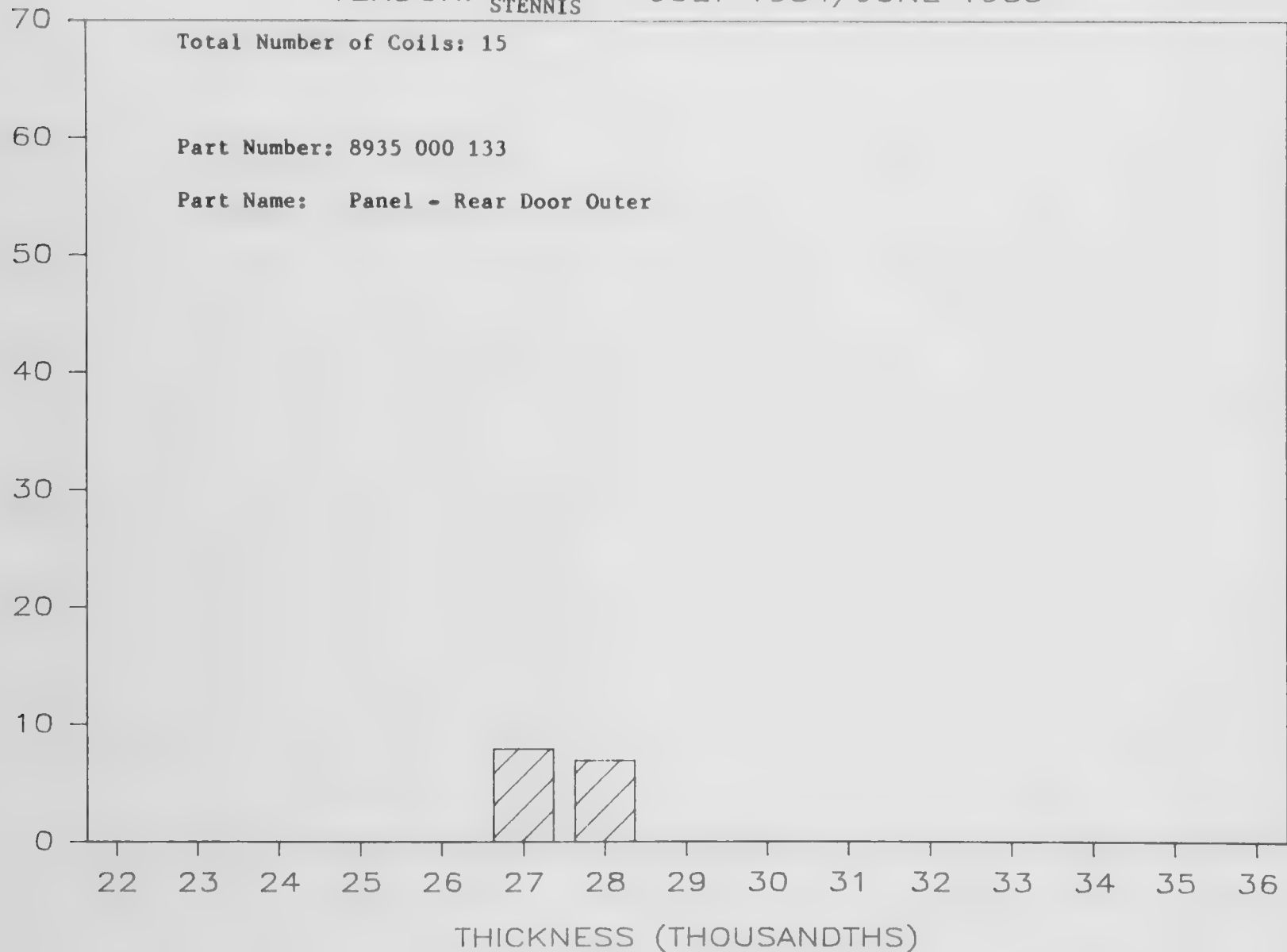


# THICKNESS HISTOGRAM

VENDOR: COCKERILL  
STENNIS

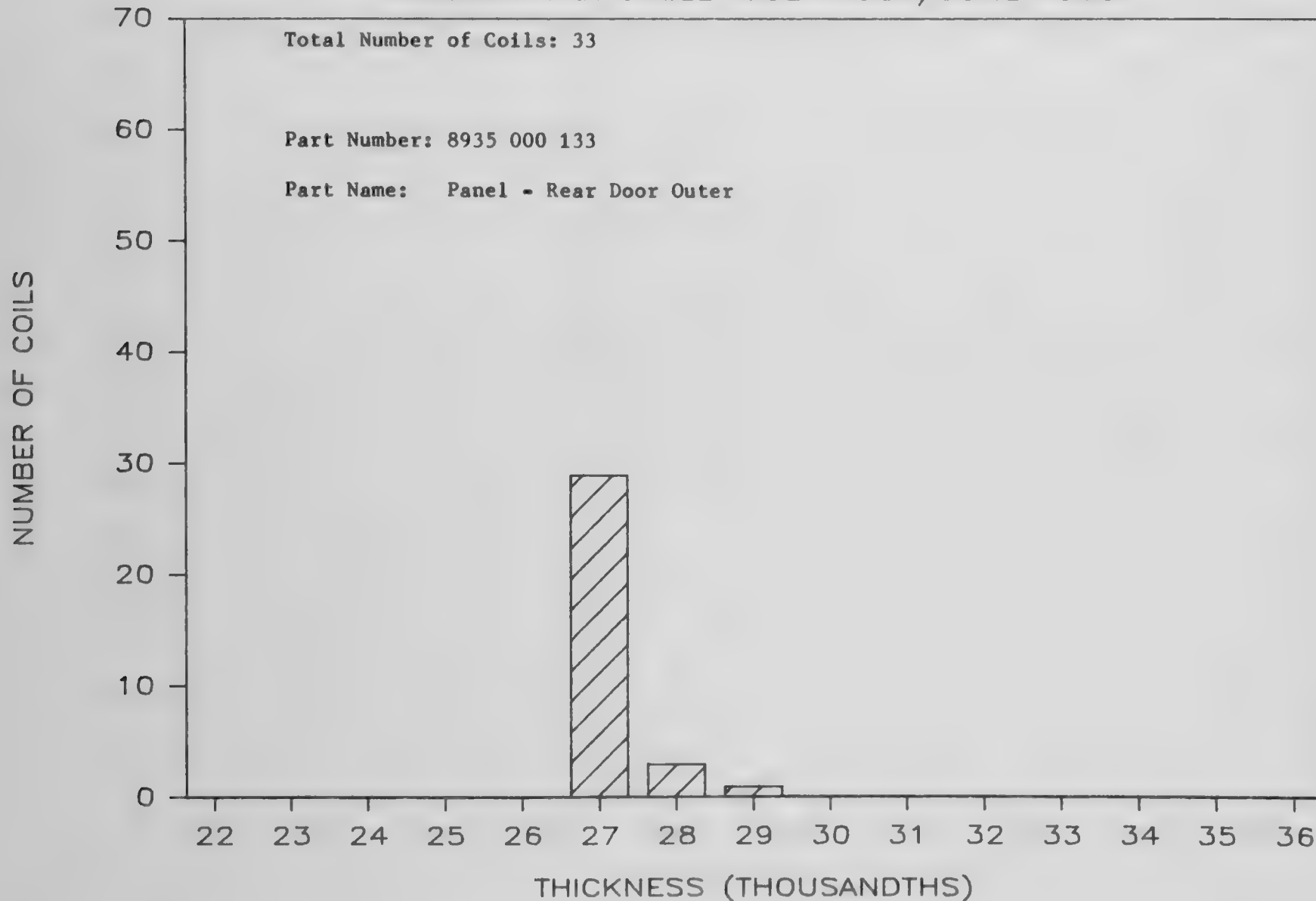
JULY 1984/JUNE 1985

NUMBER OF COILS



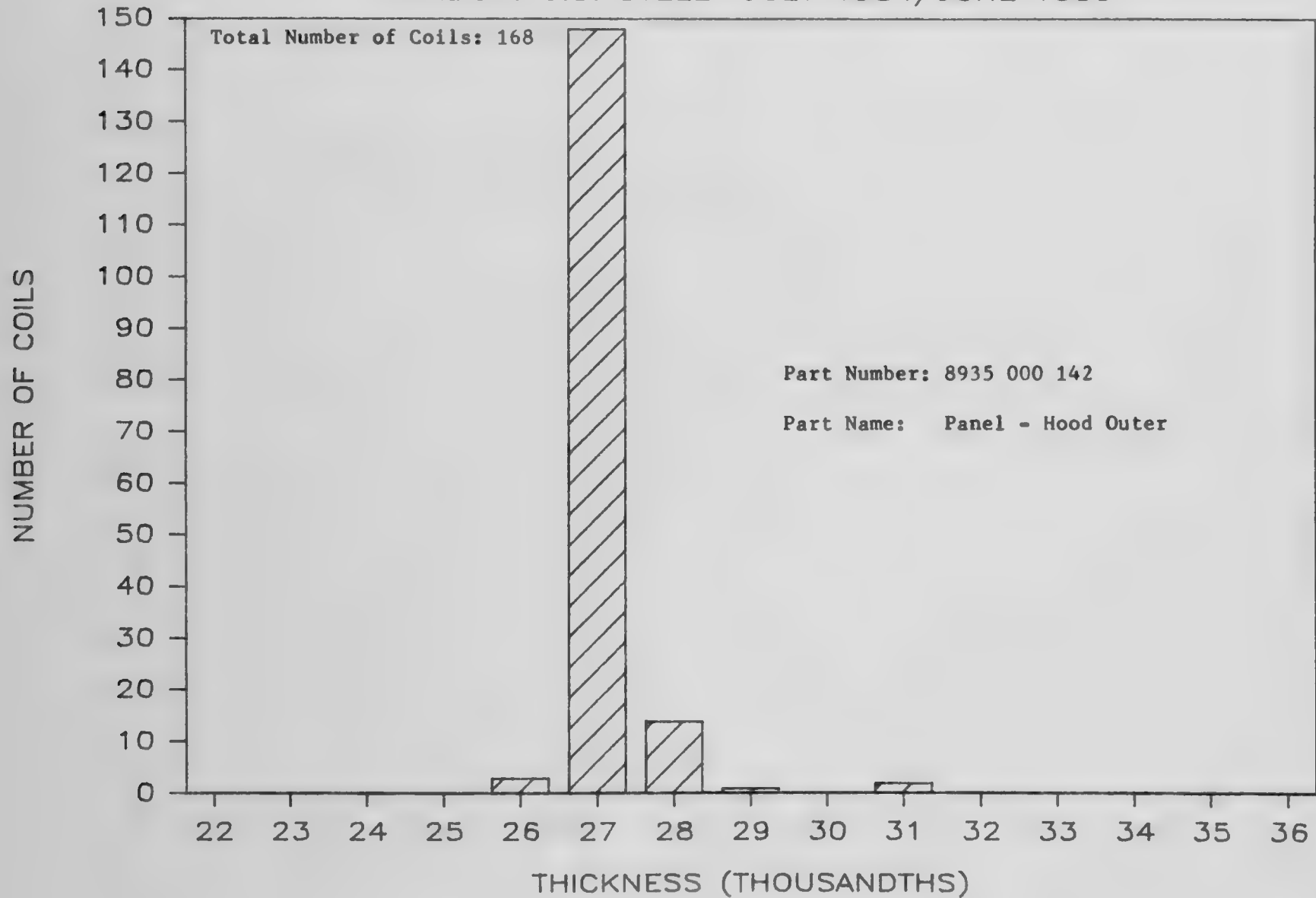
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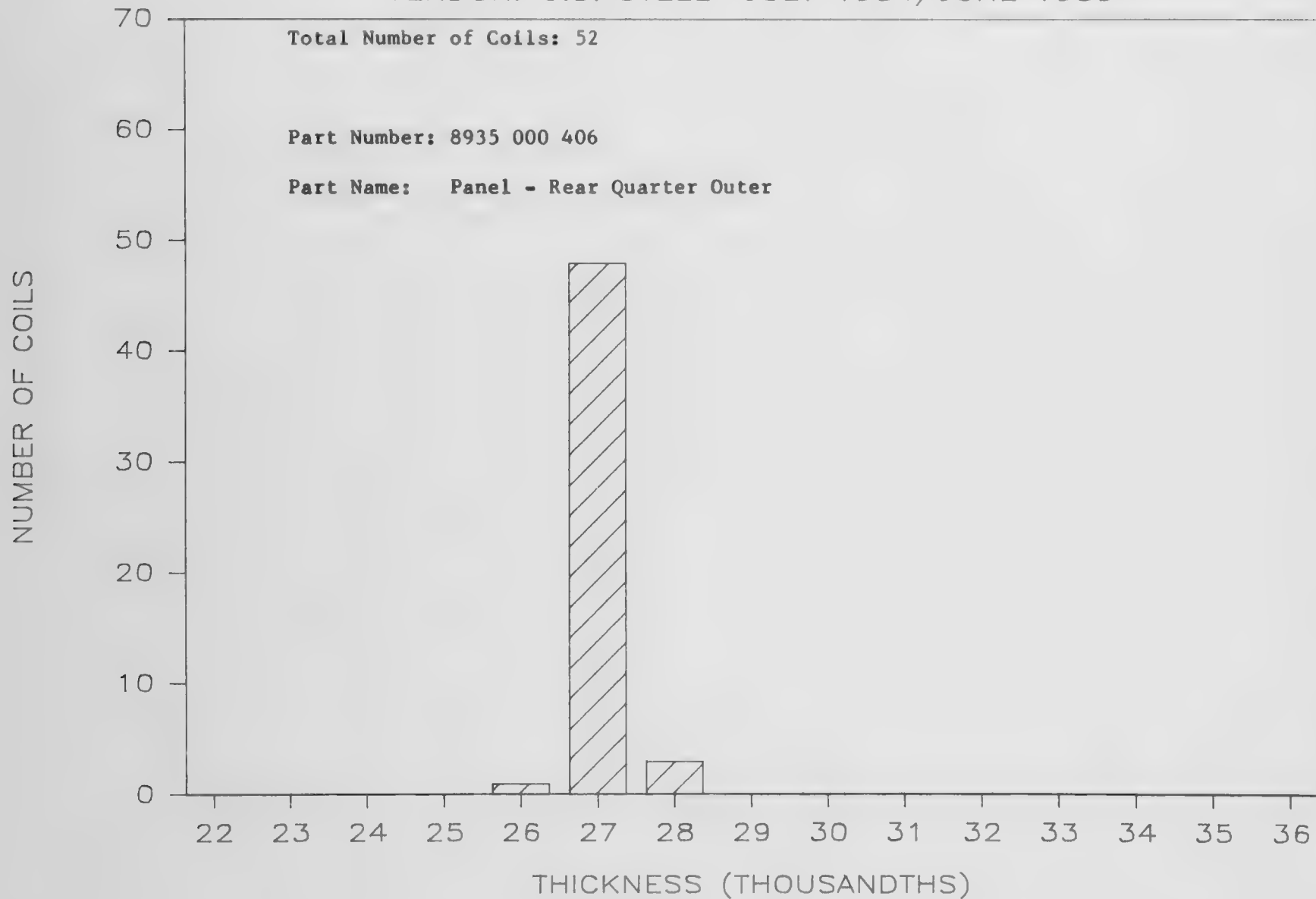
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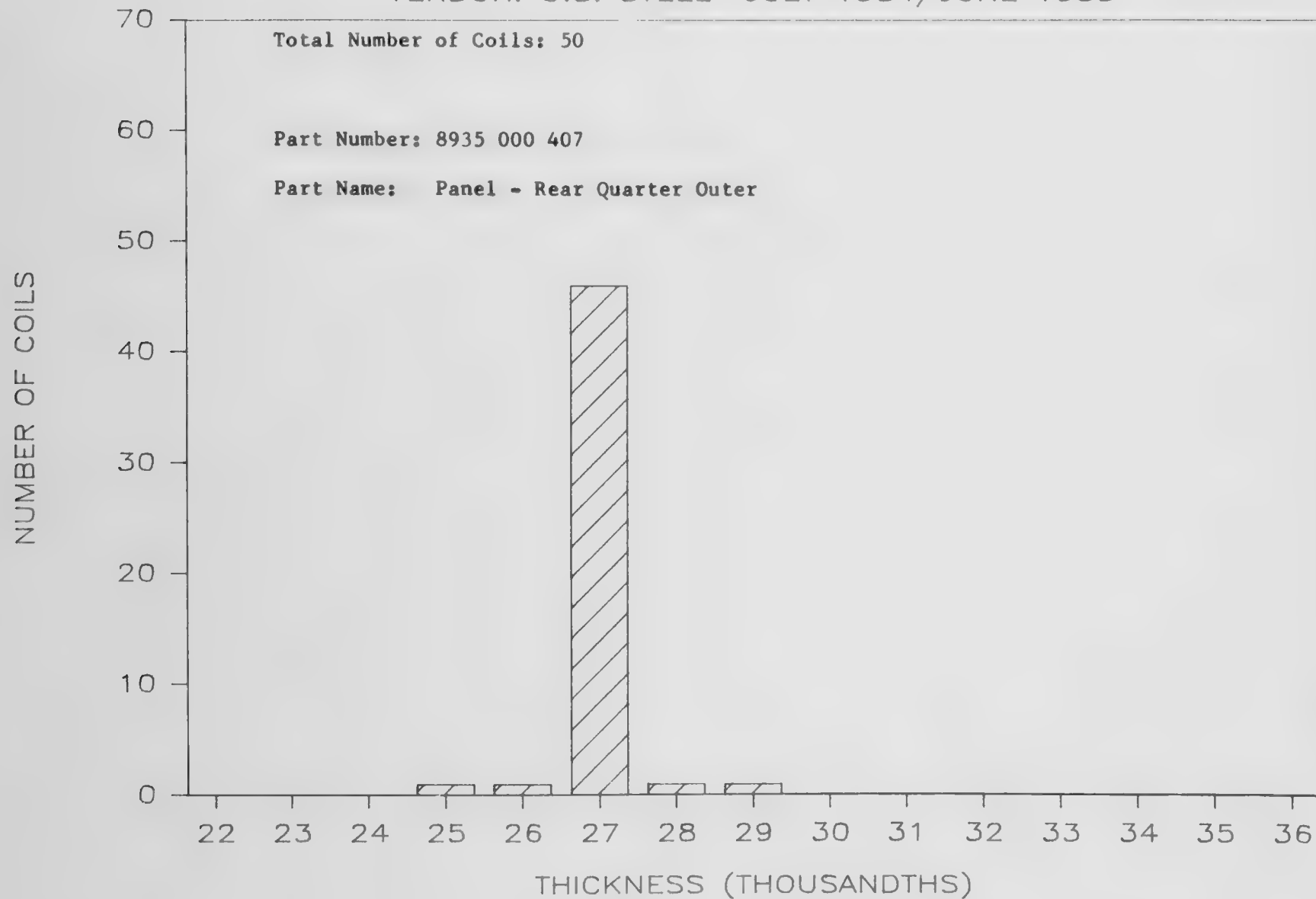
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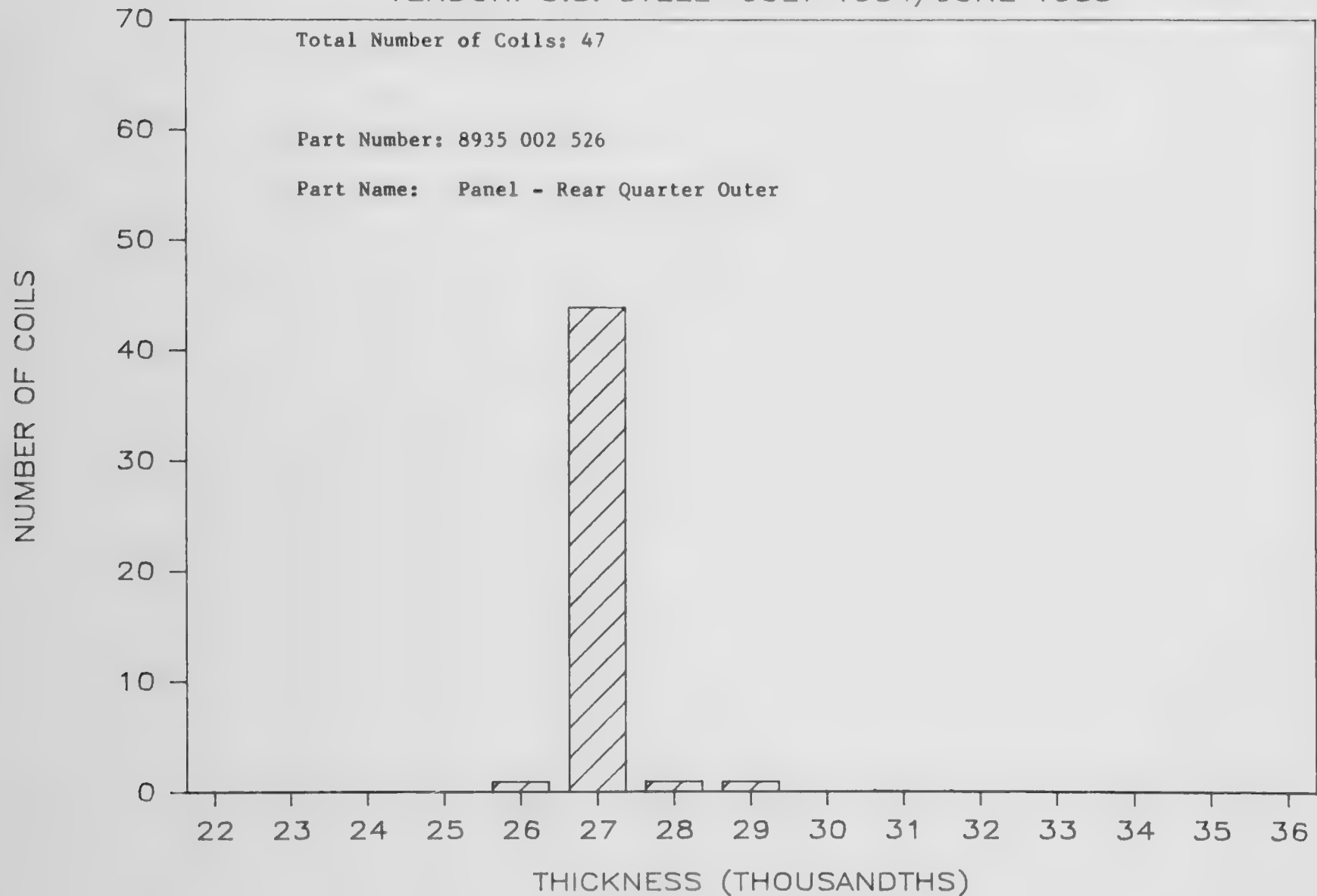
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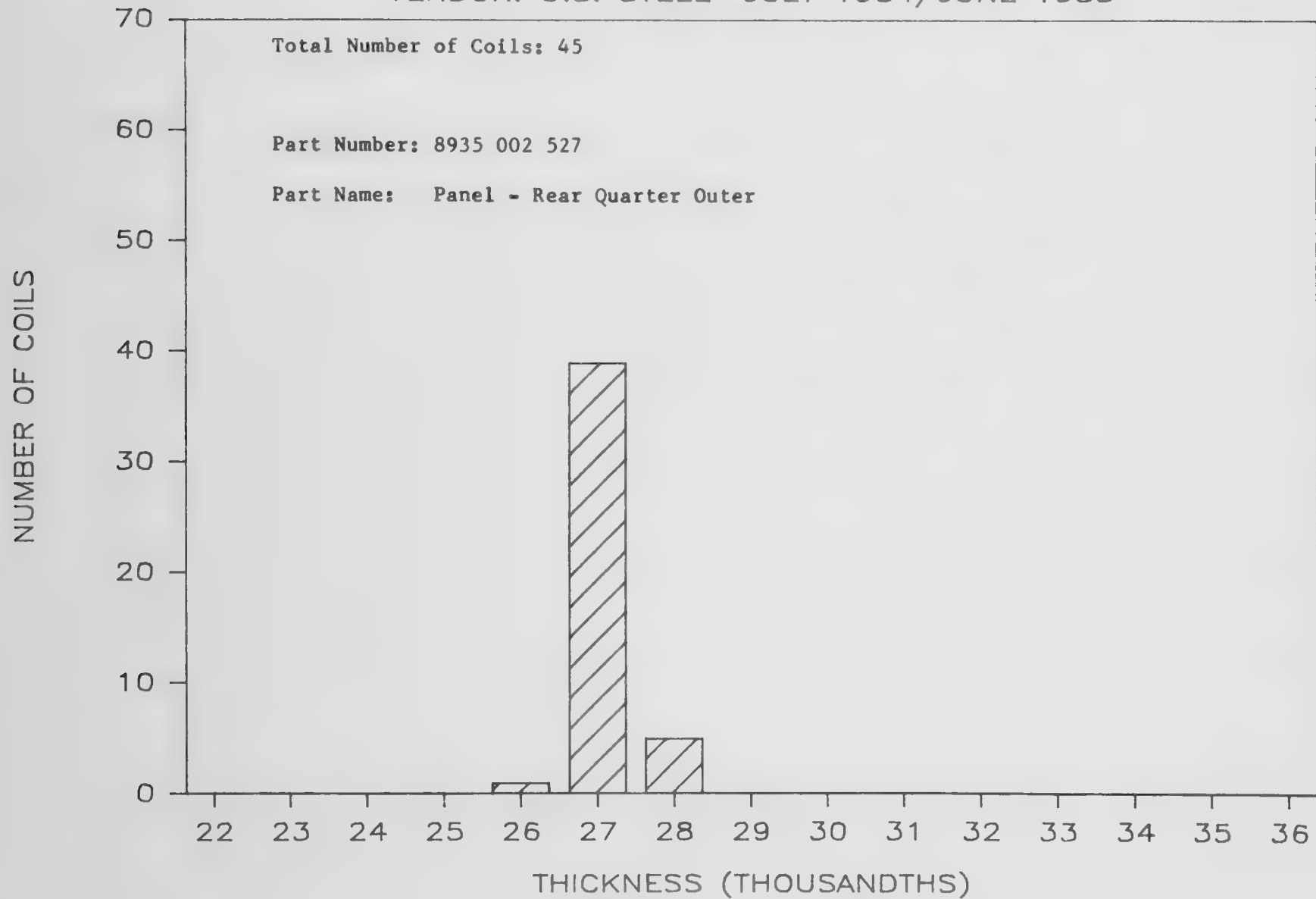
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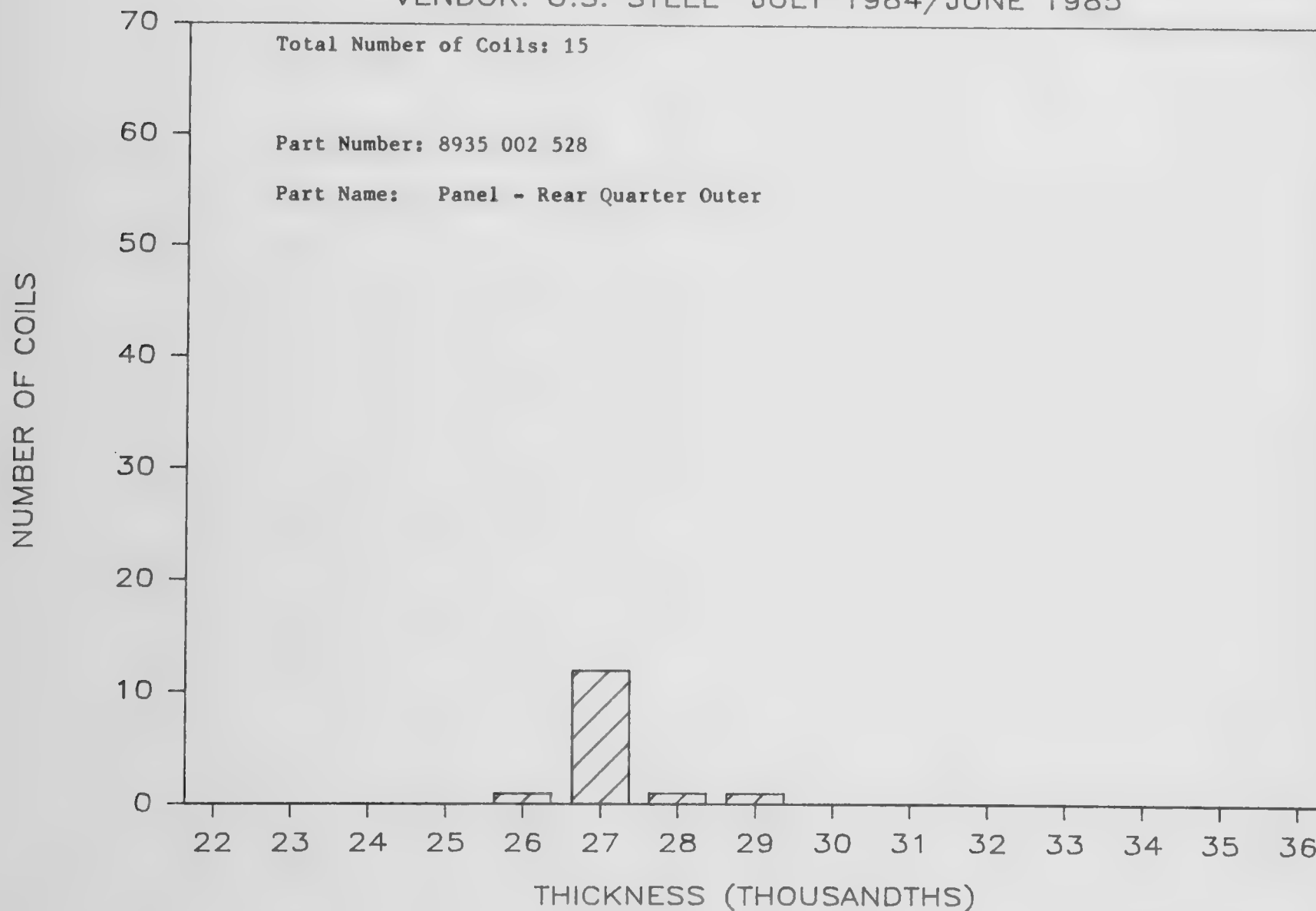
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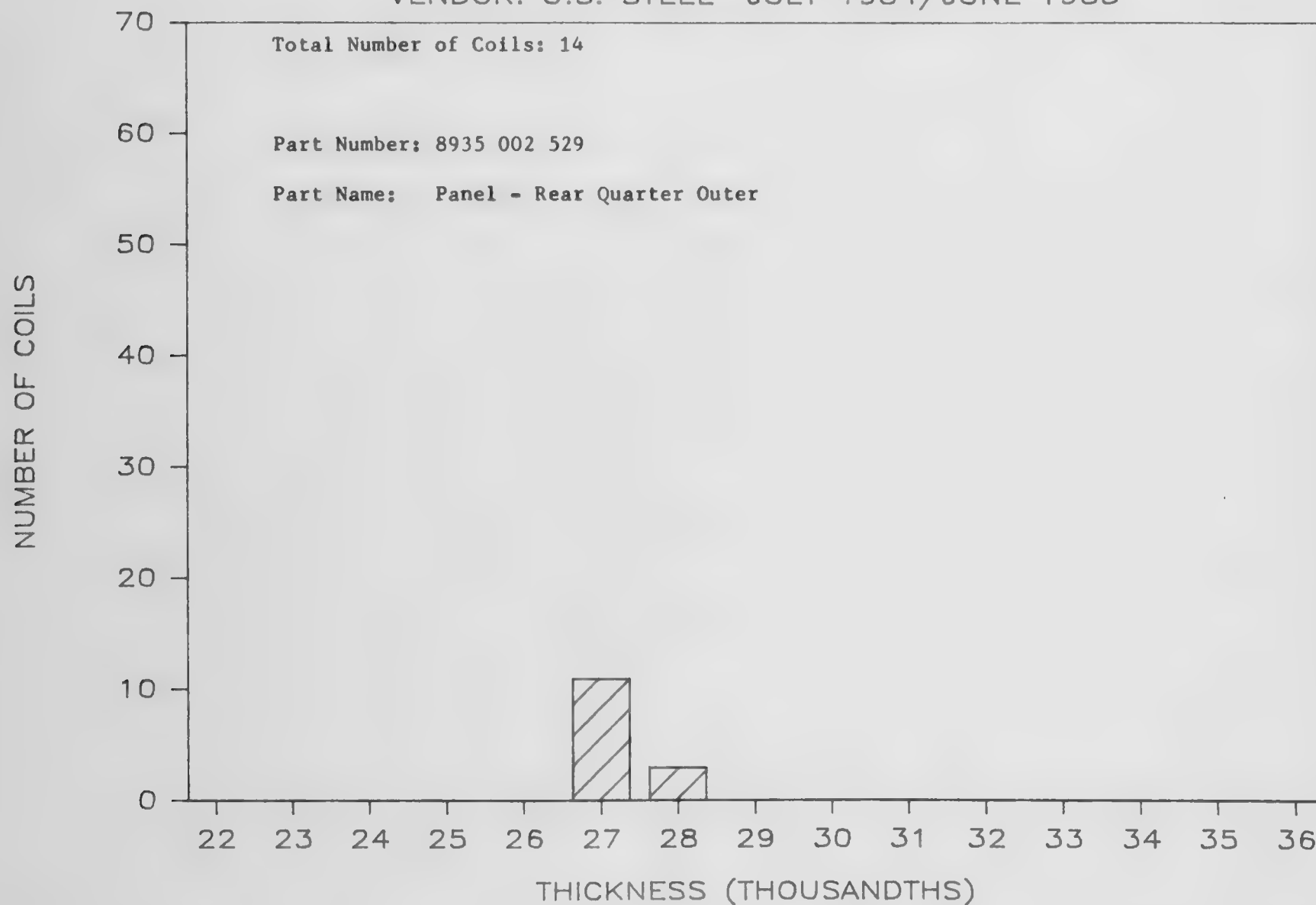
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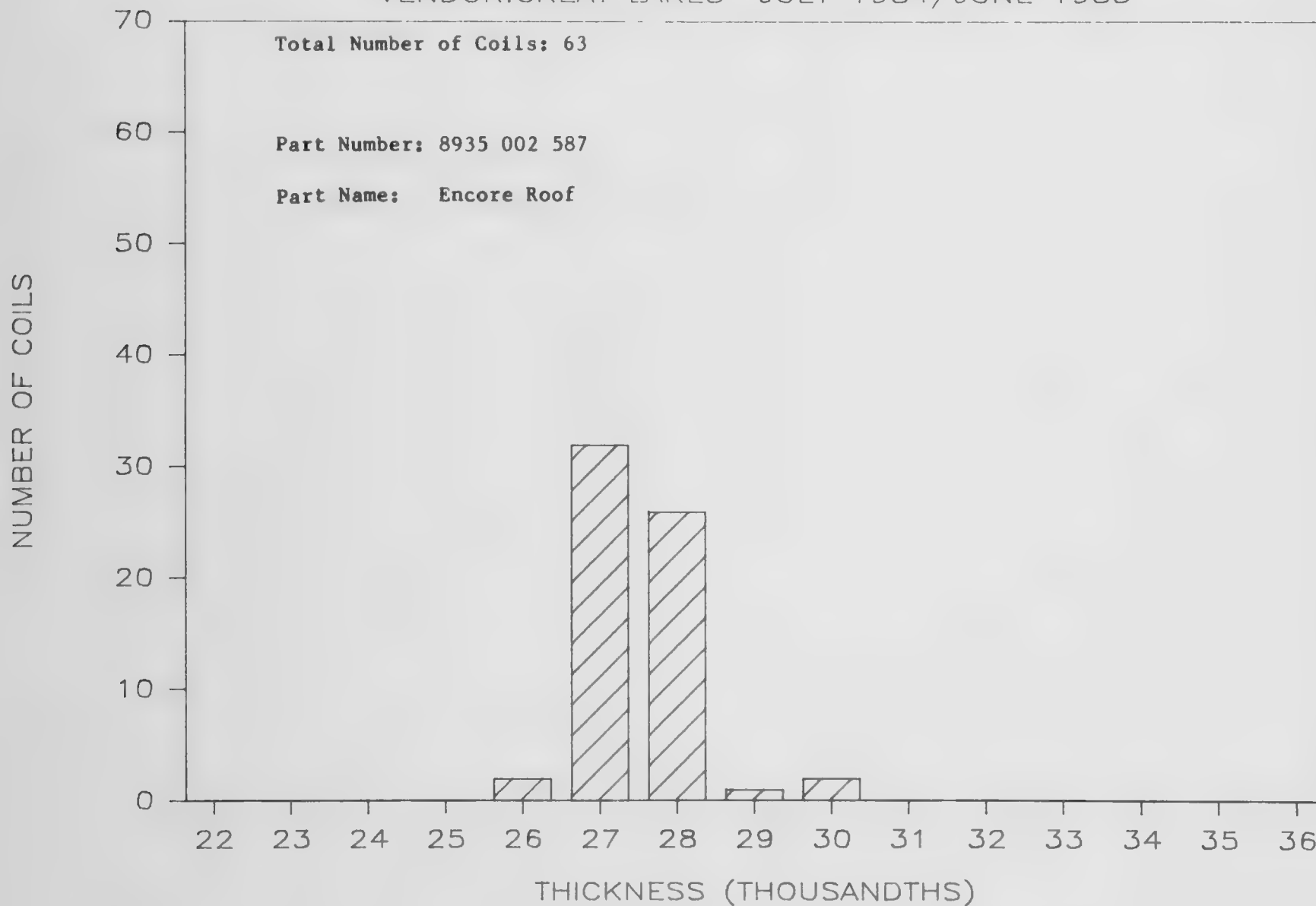
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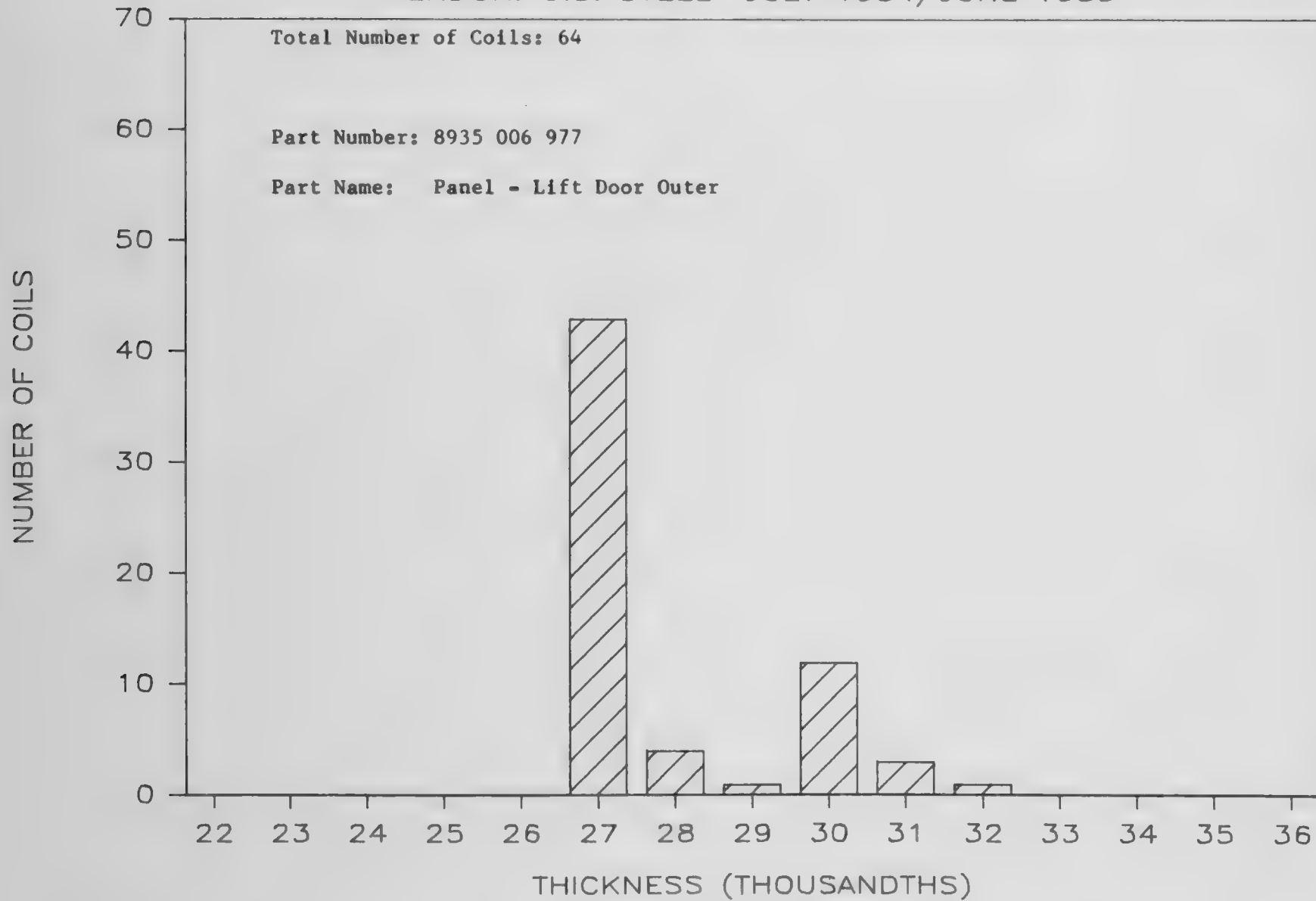
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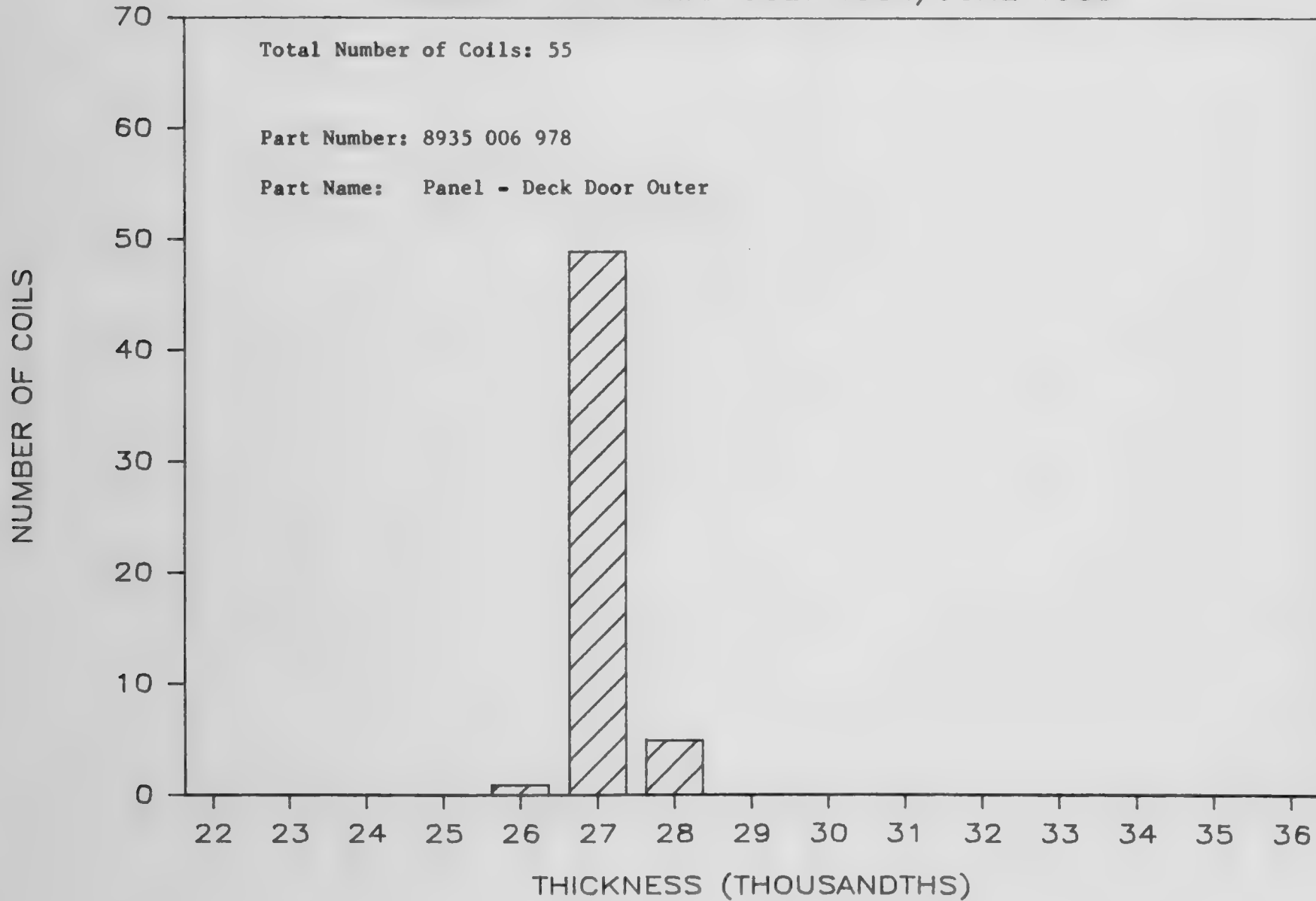
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VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# THICKNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985

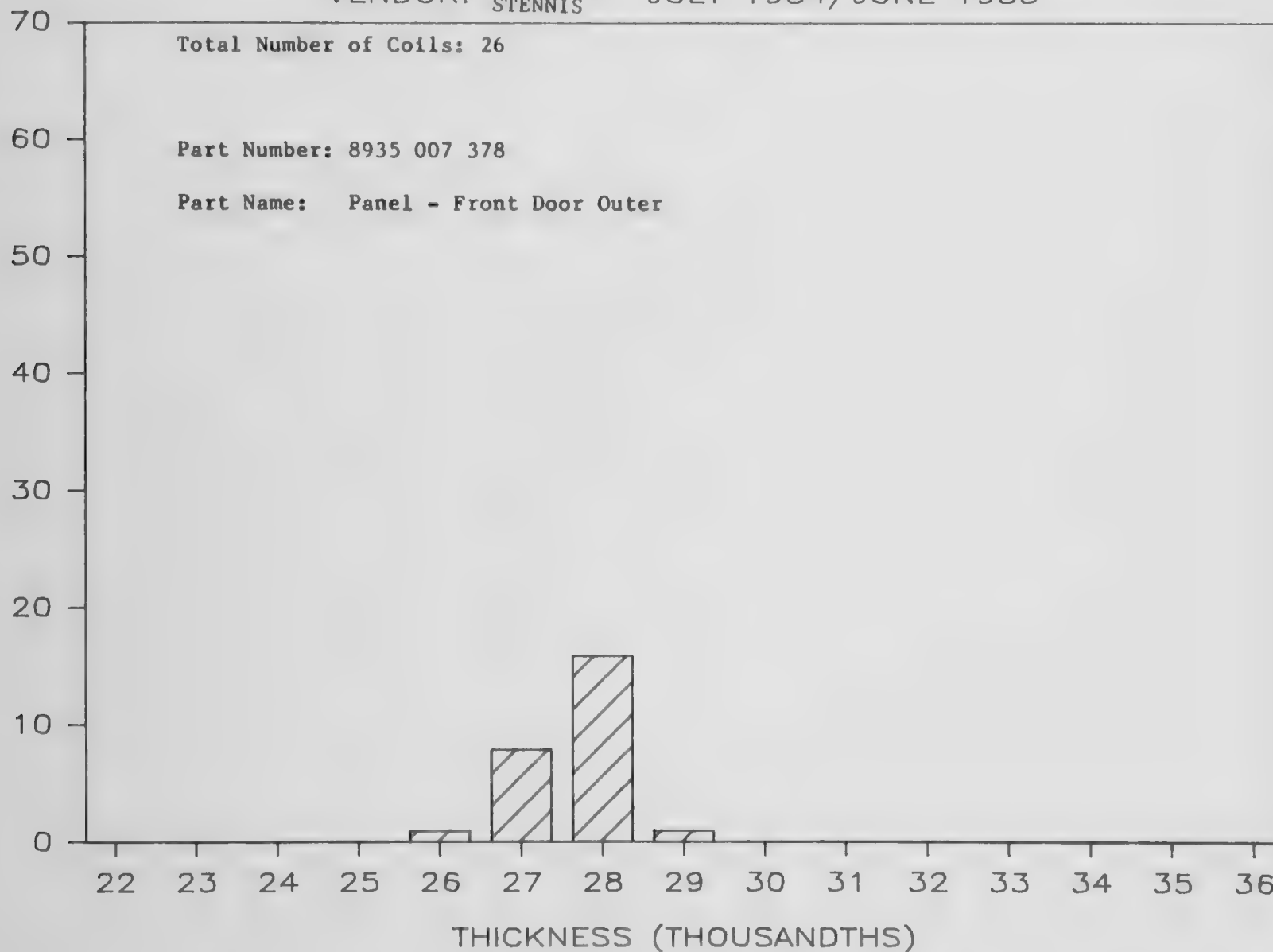


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VENDOR: COCKERILL  
STENNIS

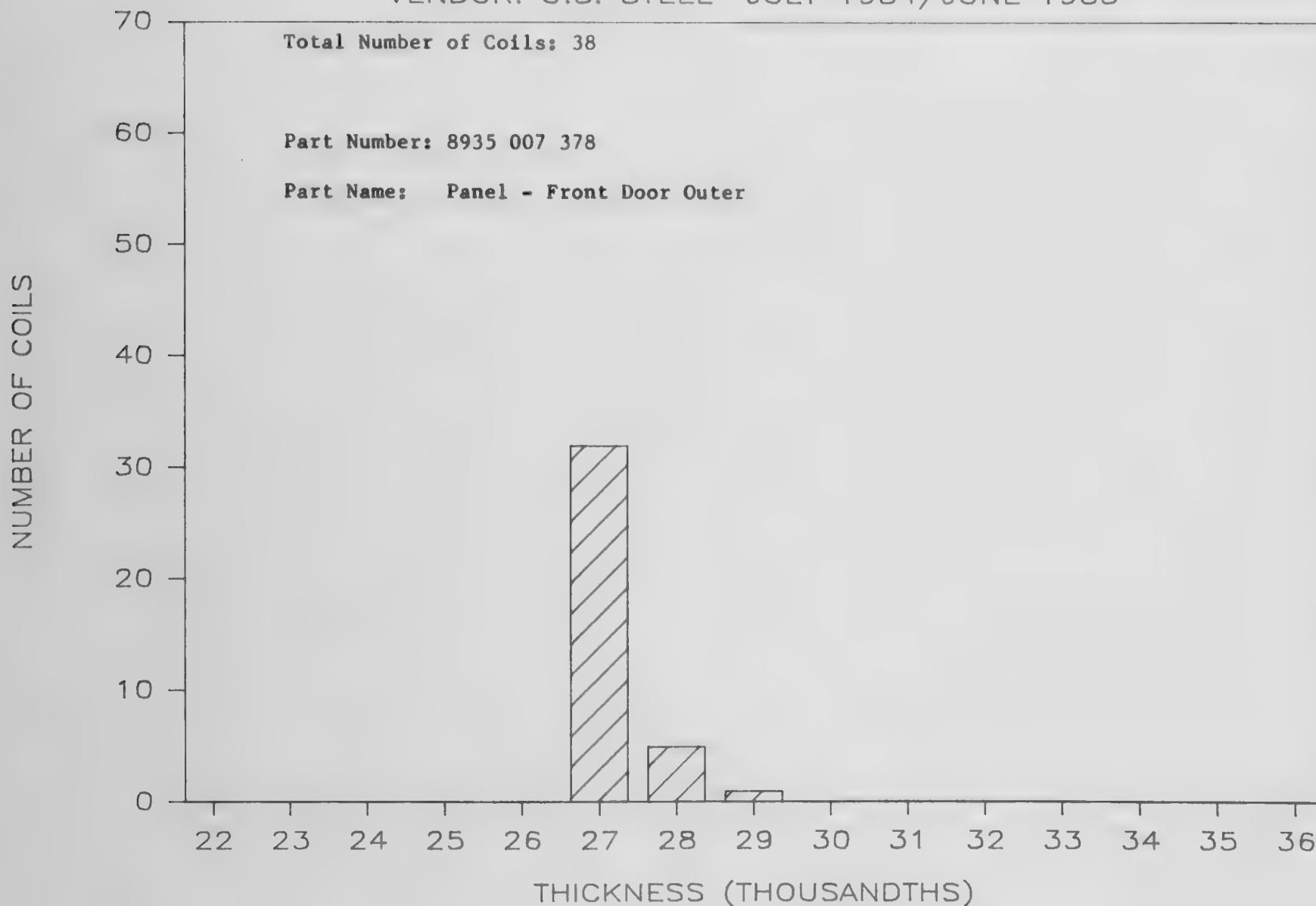
JULY 1984/JUNE 1985

NUMBER OF COILS



# THICKNESS HISTOGRAM

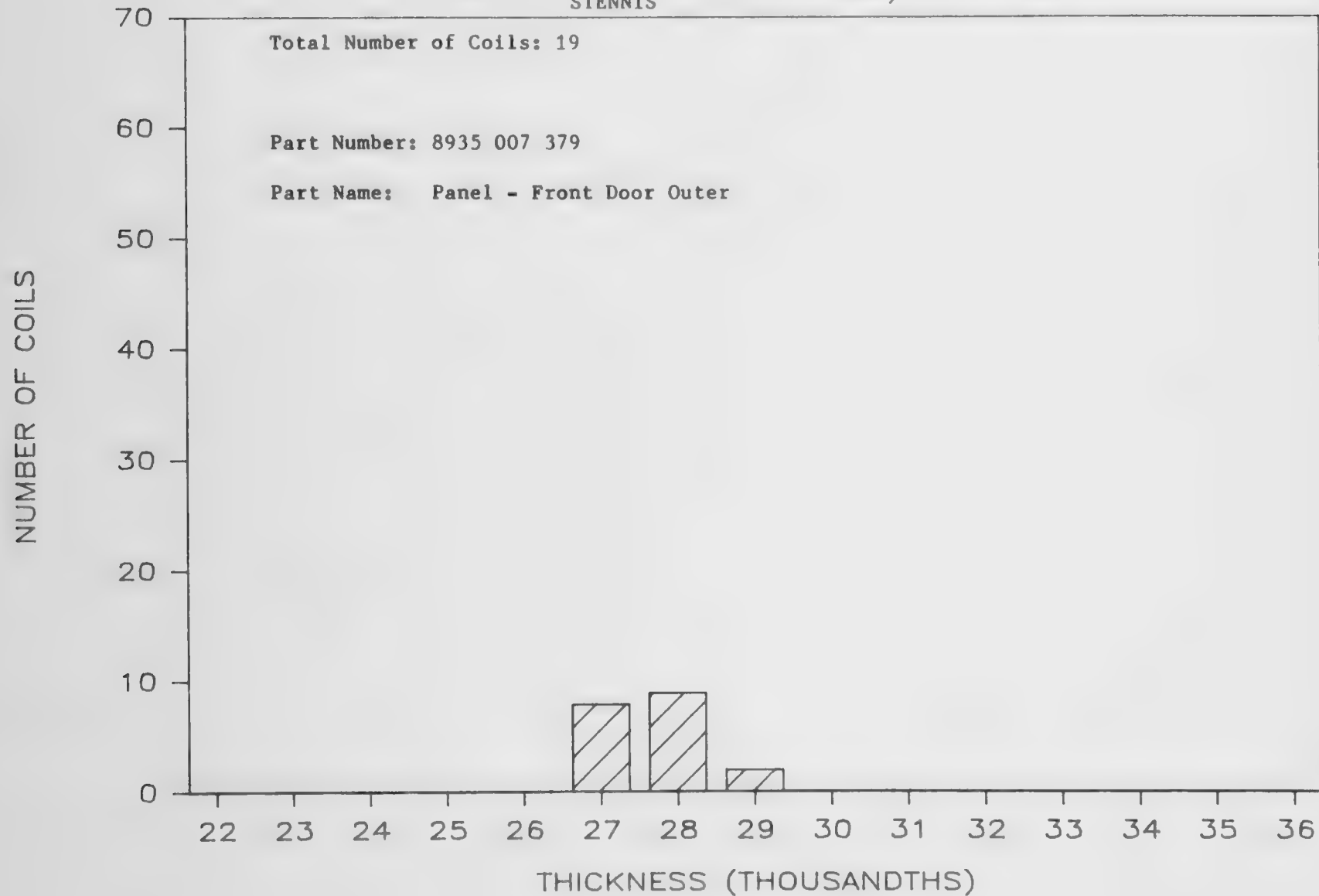
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VENDOR: COCKERILL  
STENNIS

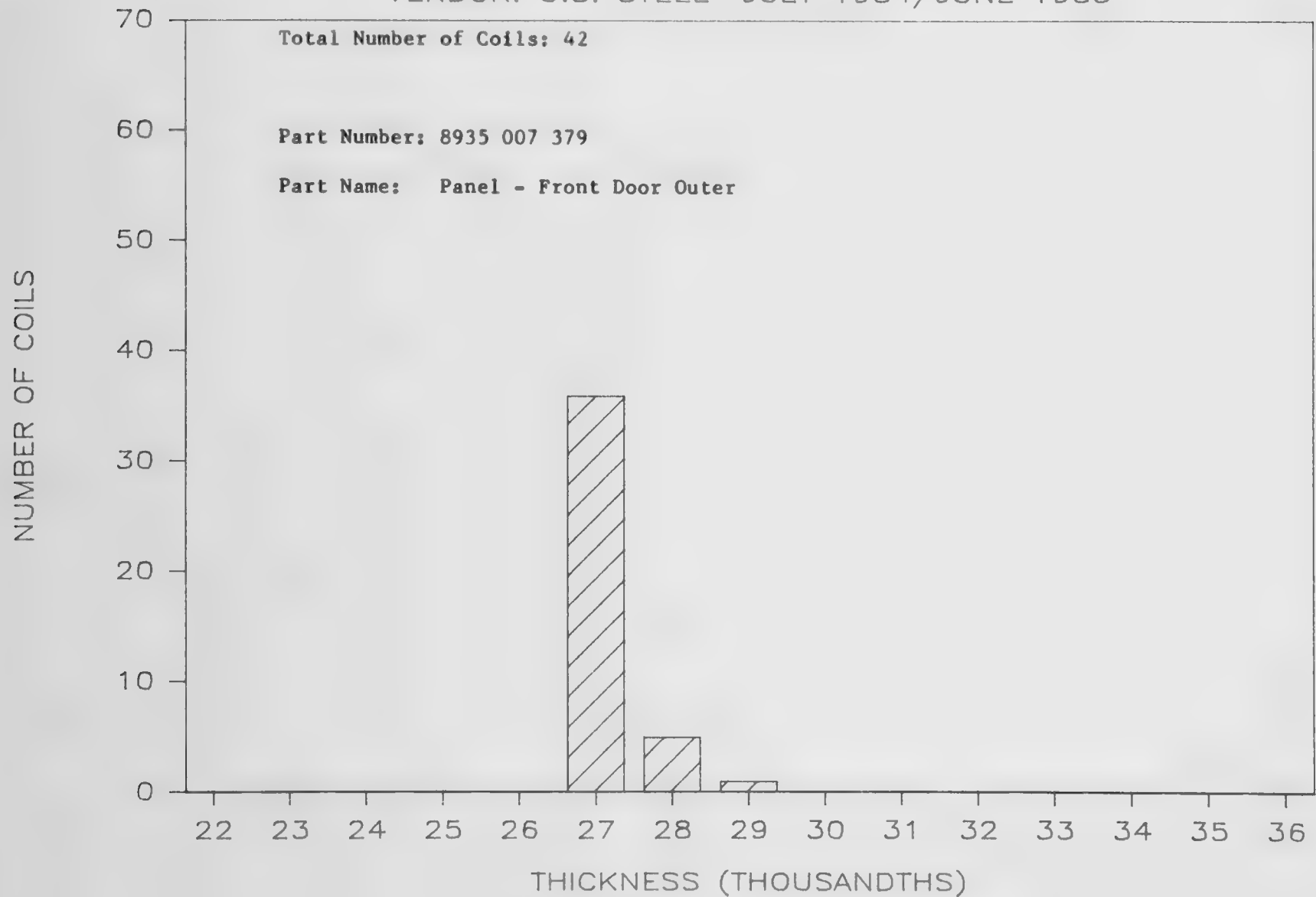
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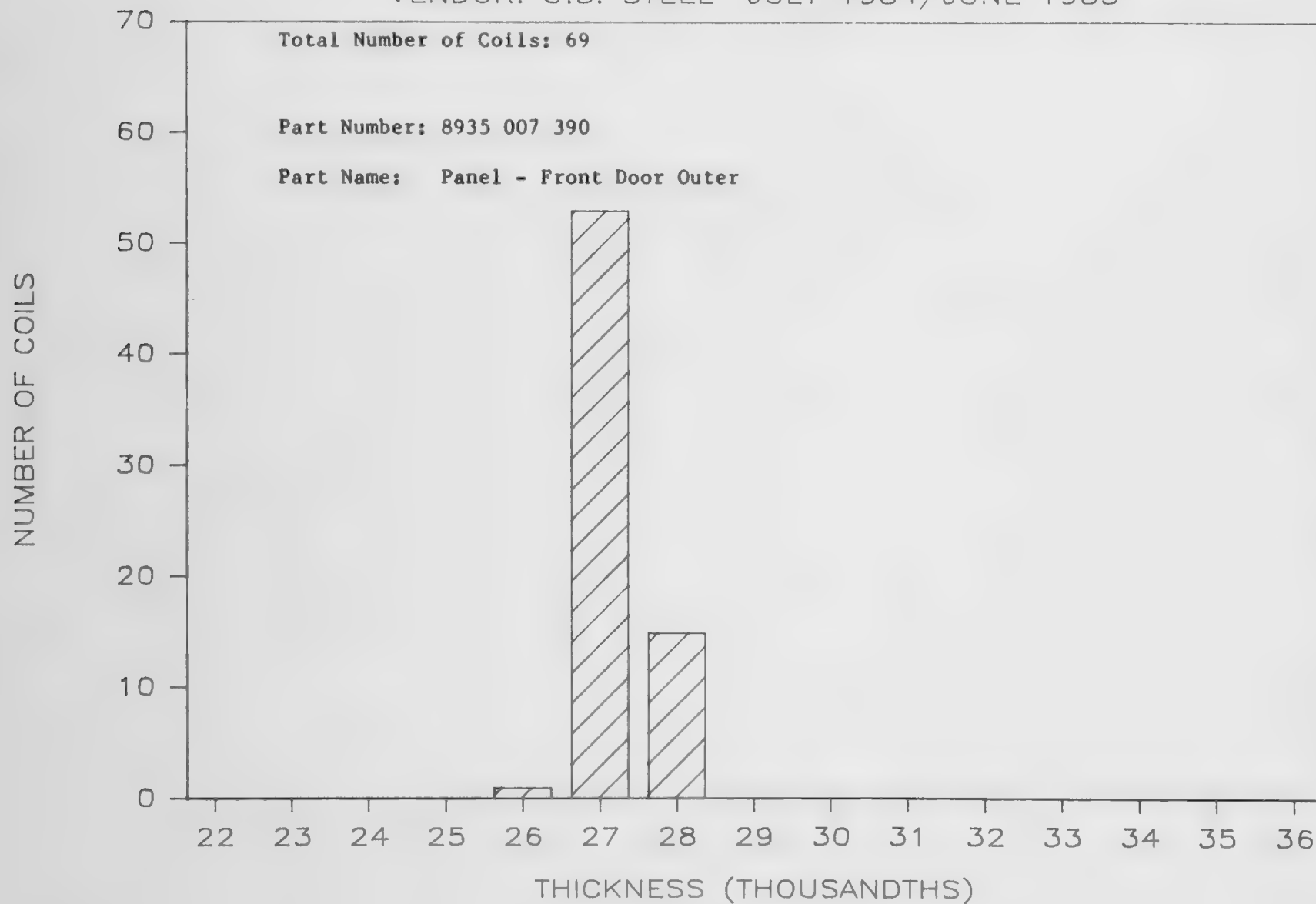
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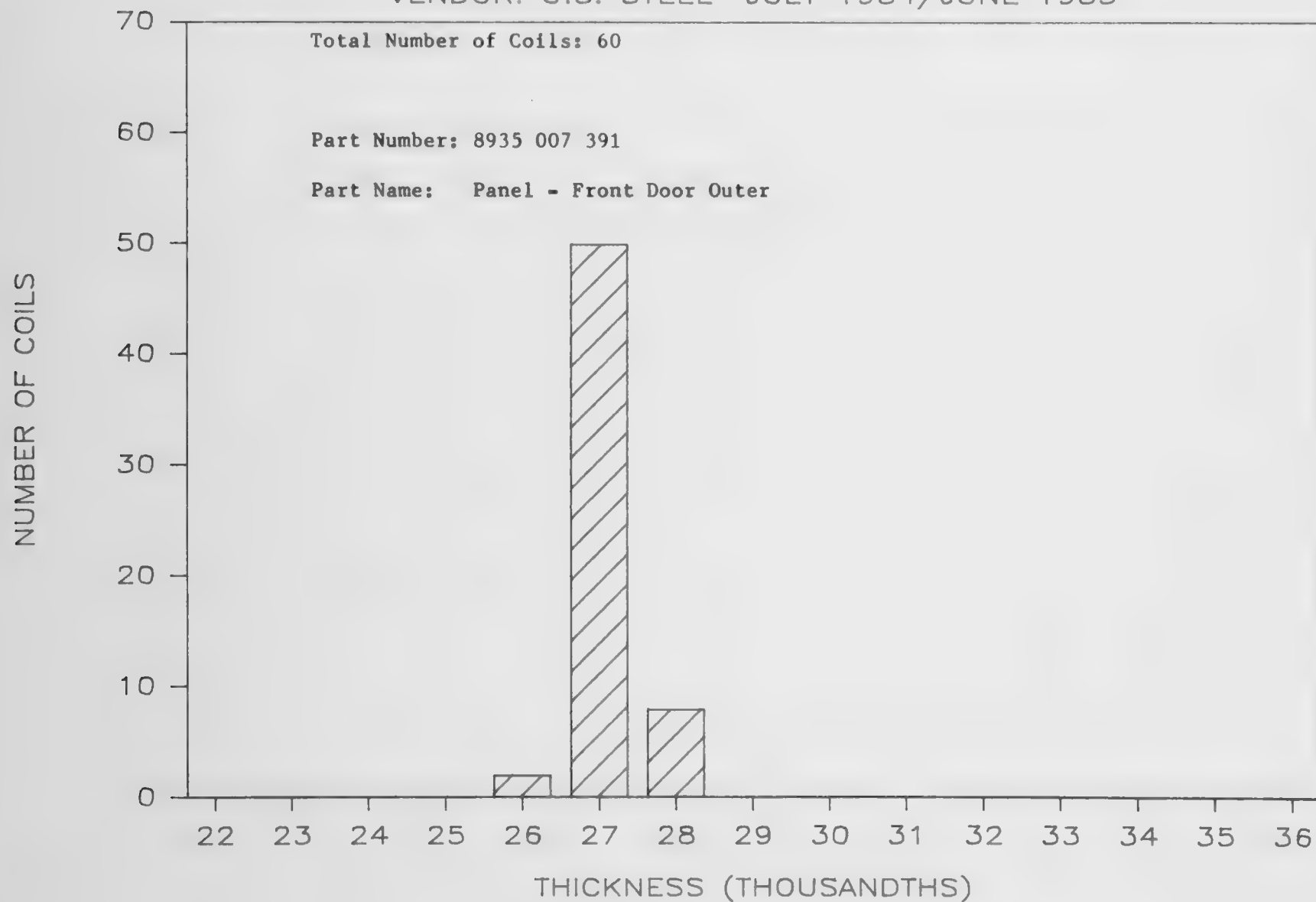
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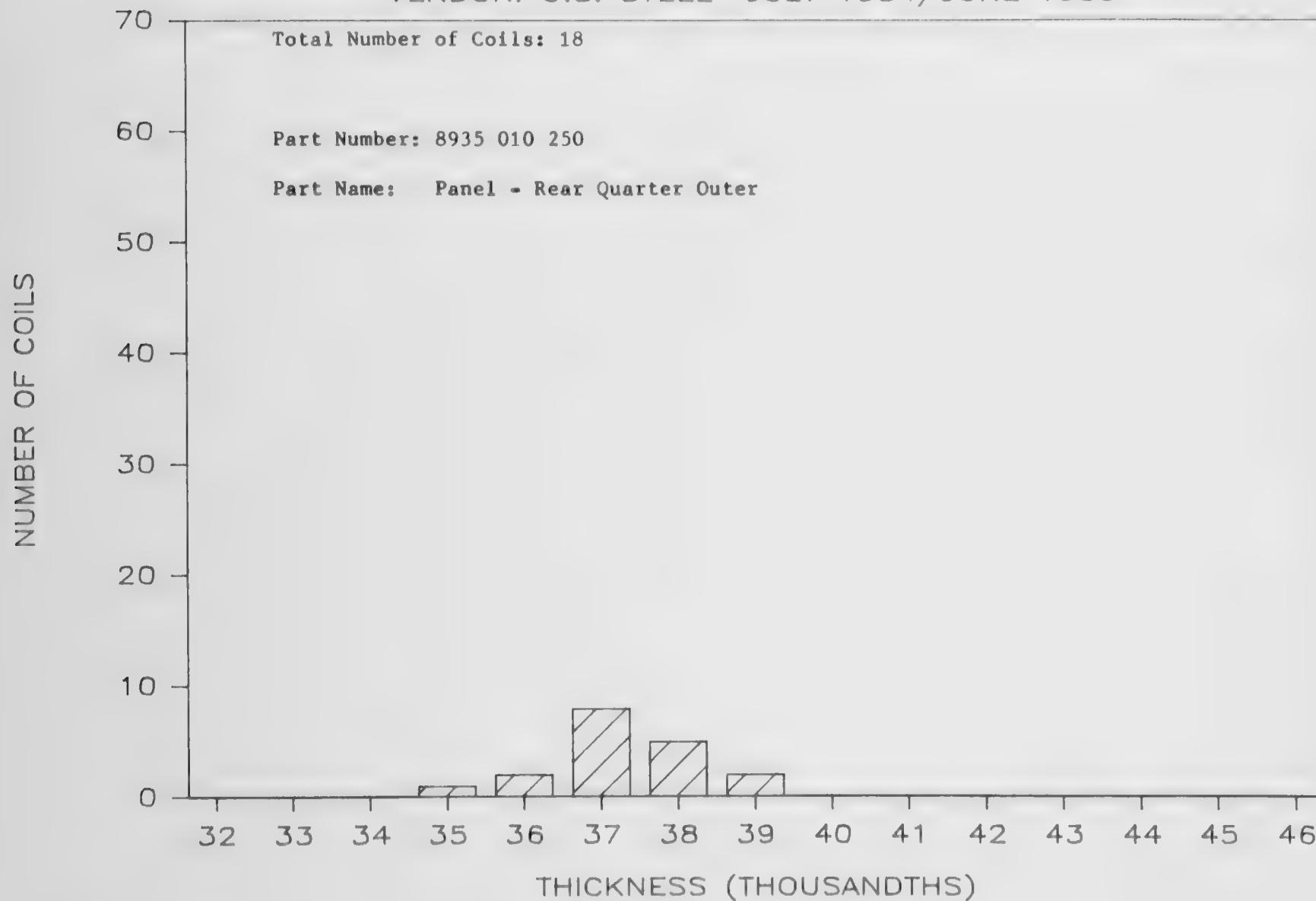
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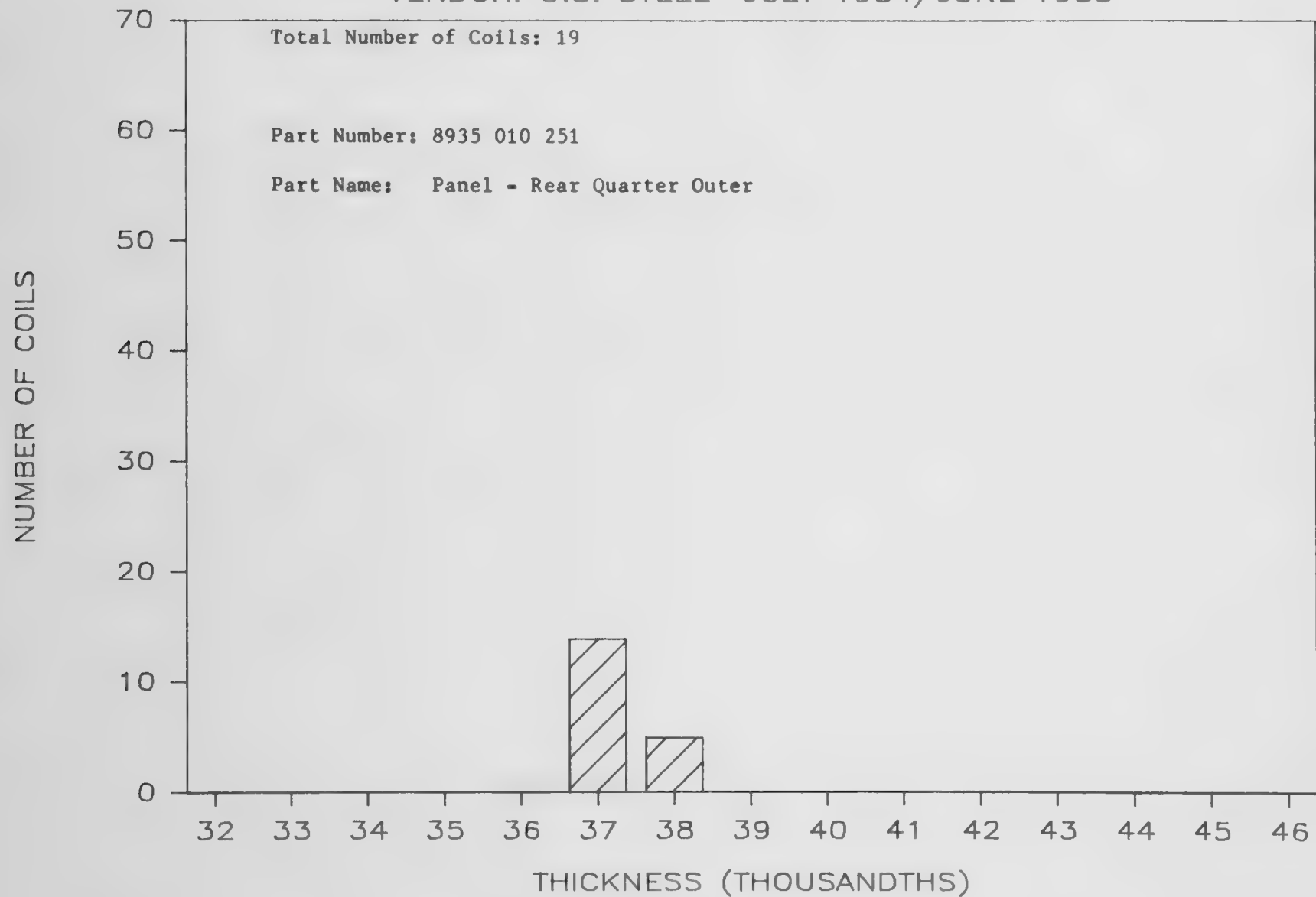
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# THICKNESS HISTOGRAM

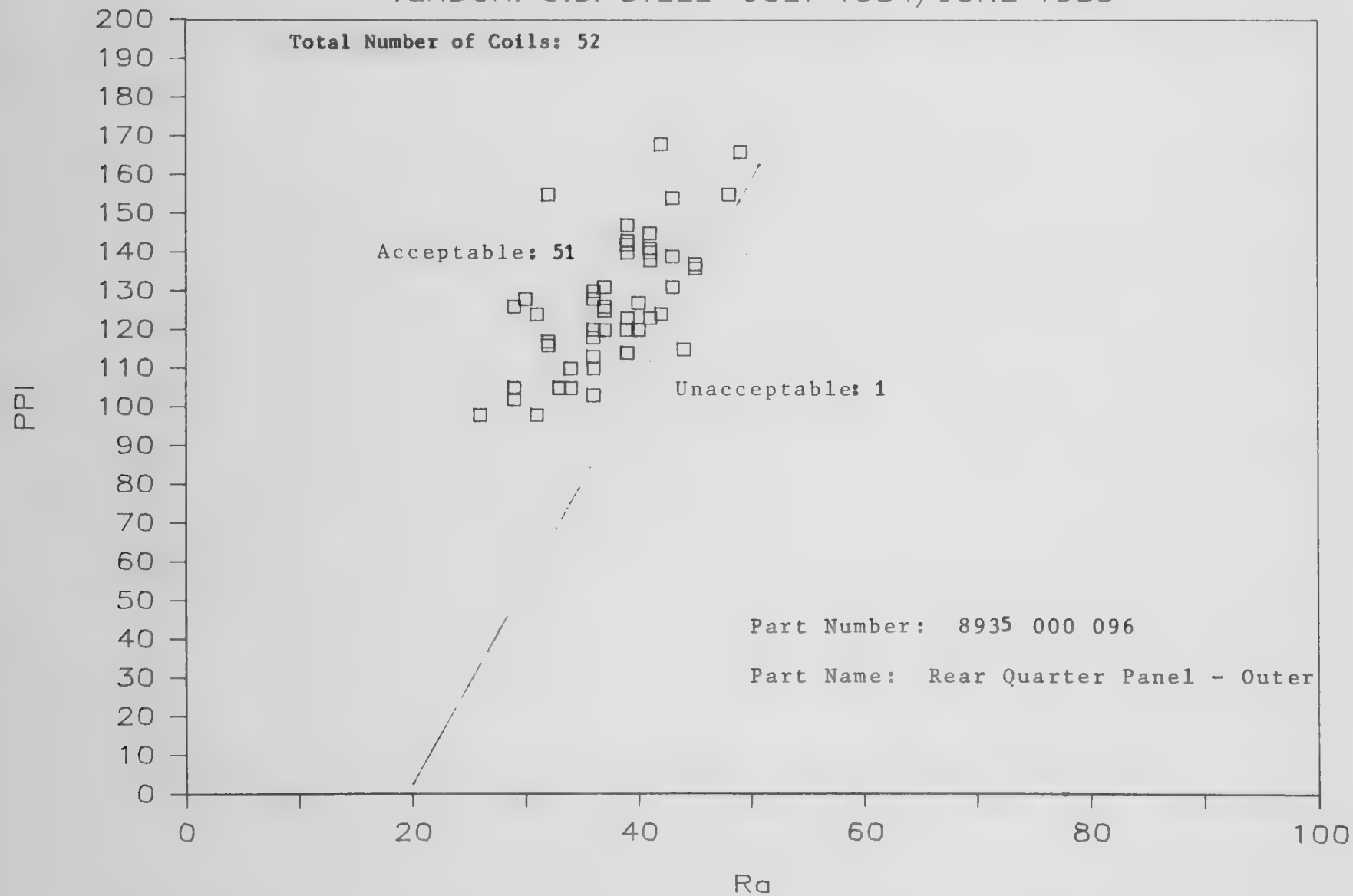
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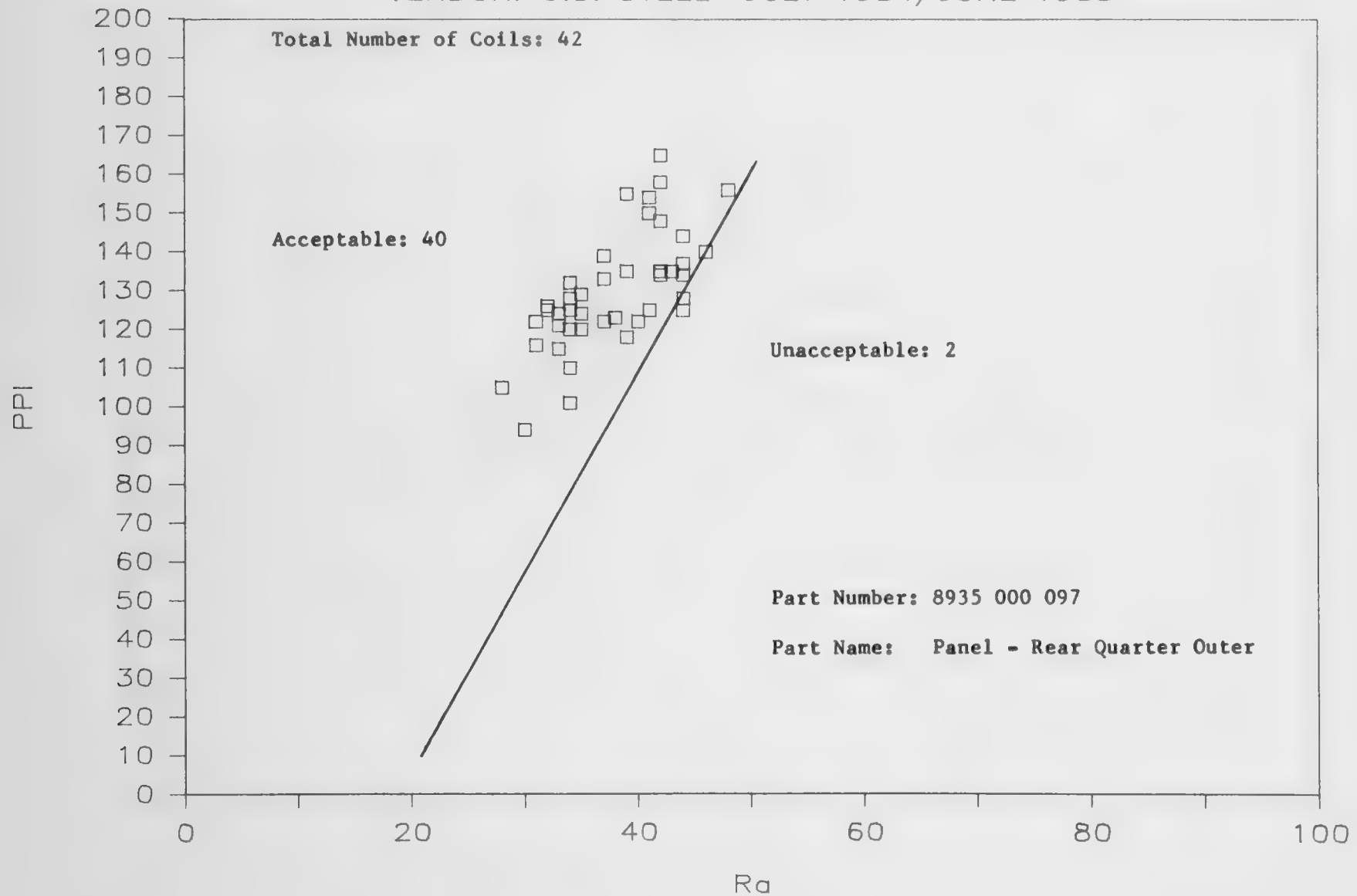
# SURFACE ROUGHNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# SURFACE ROUGHNESS HISTOGRAM

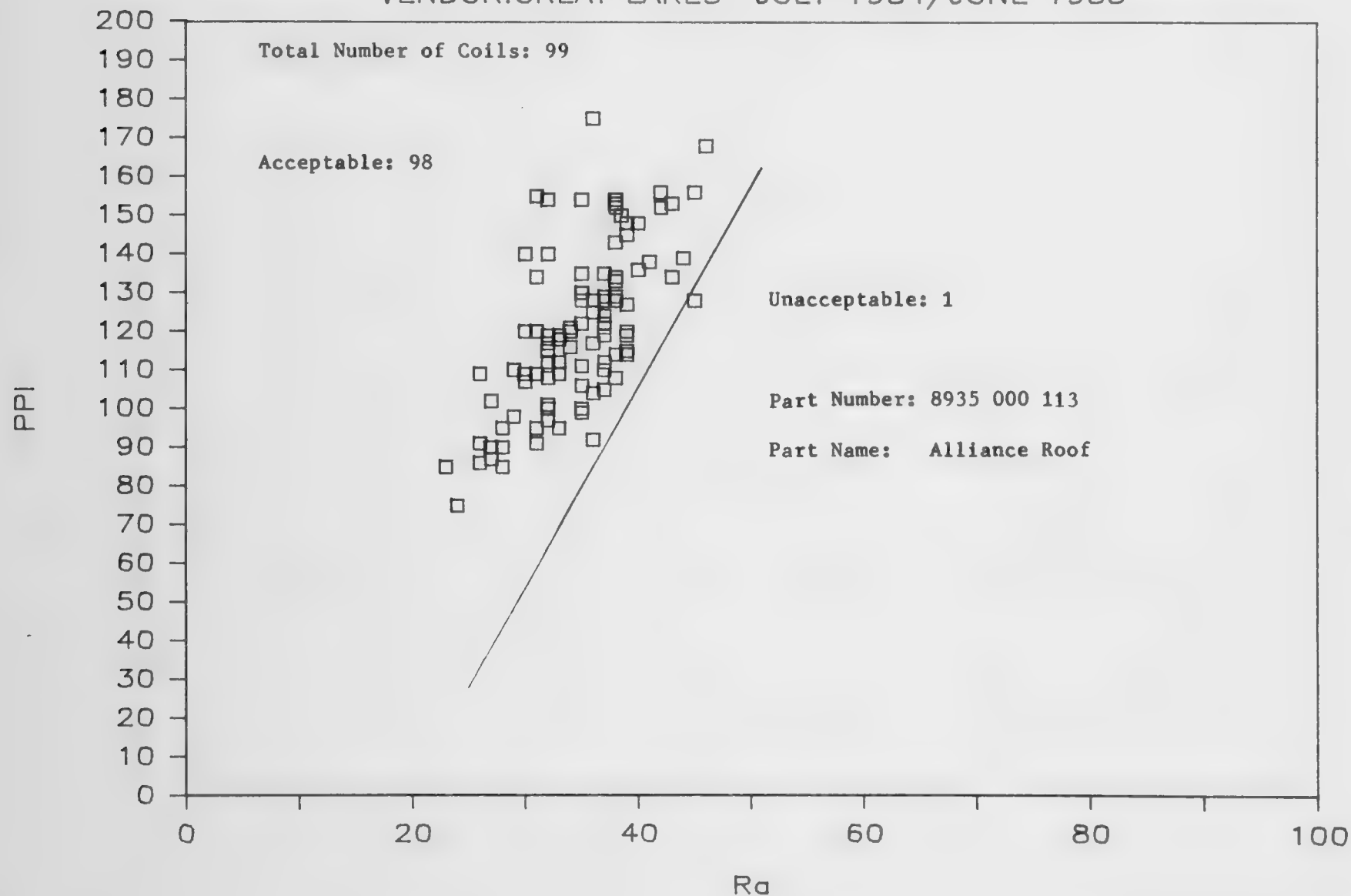
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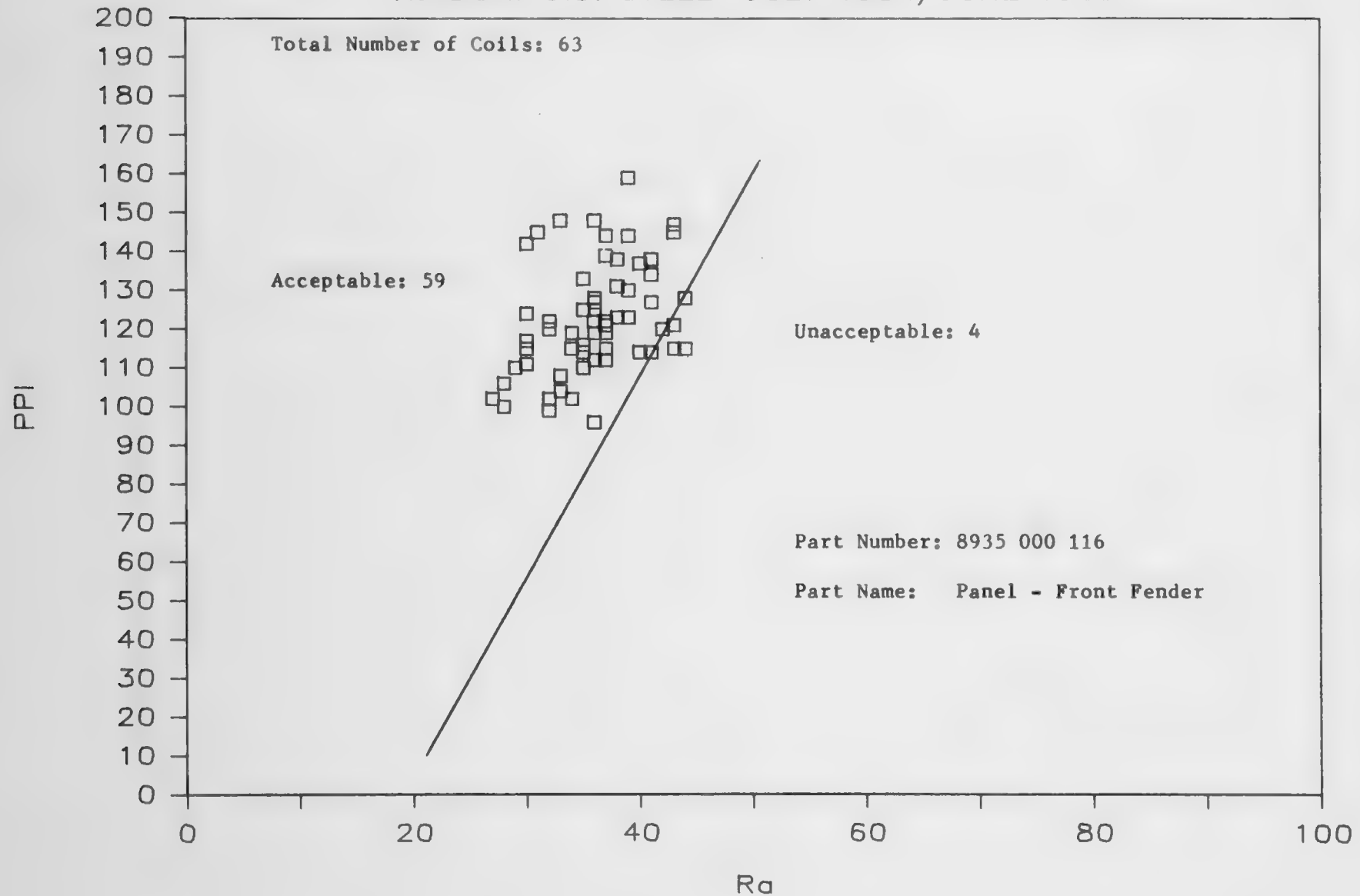
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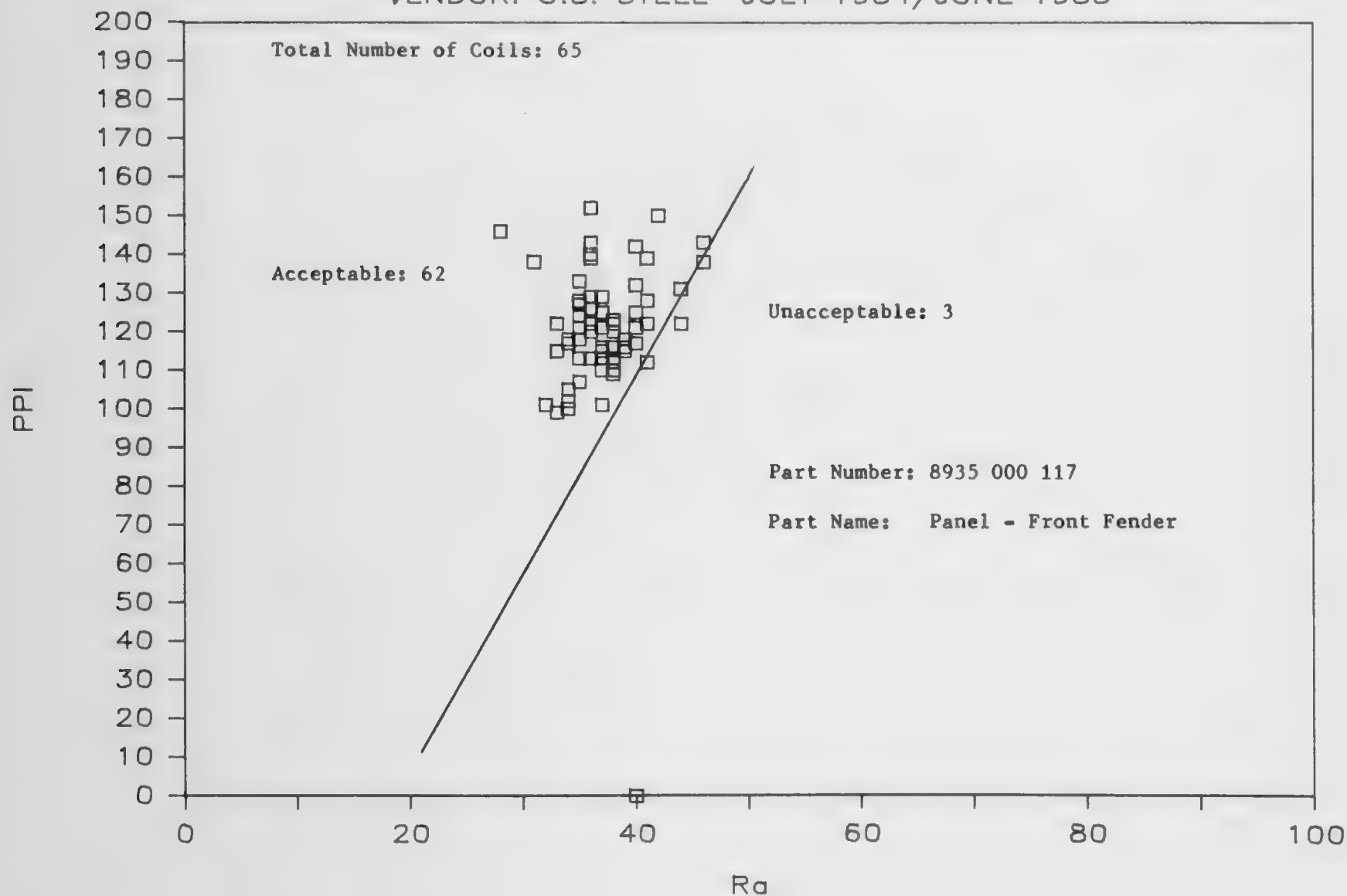
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VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# SURFACE ROUGHNESS HISTOGRAM

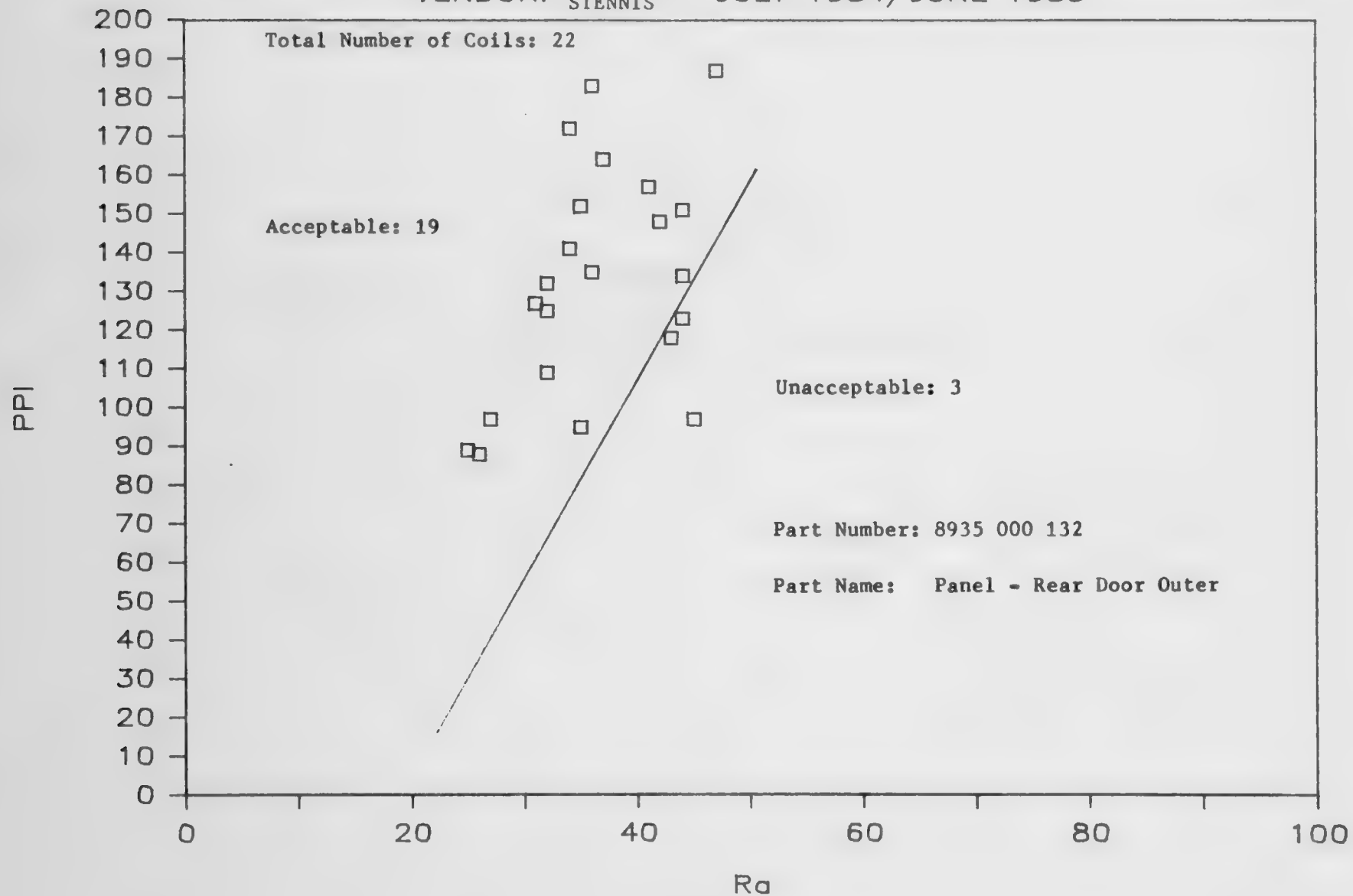
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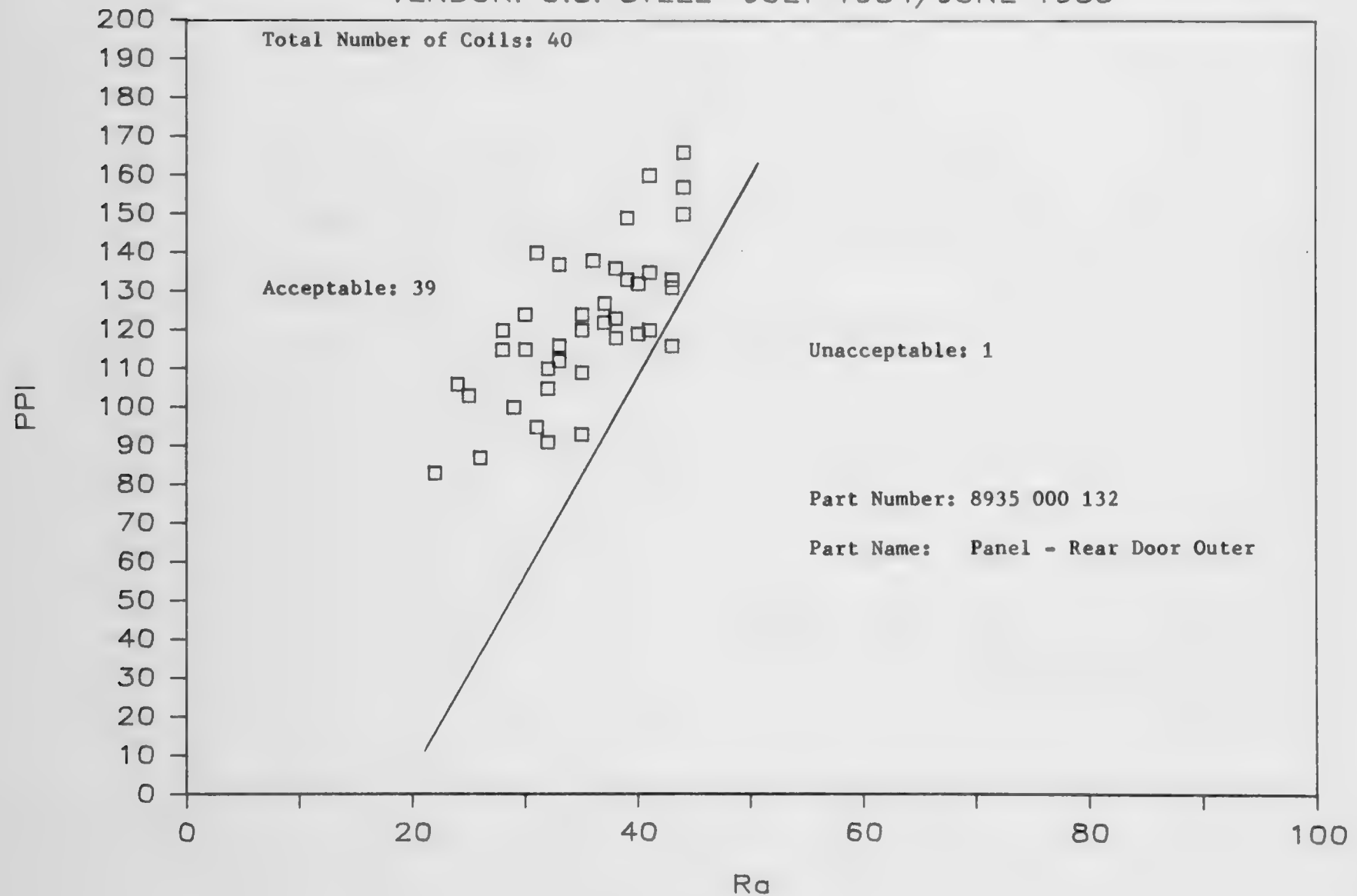
VENDOR: COCKERILL  
STENNIS

JULY 1984/JUNE 1985



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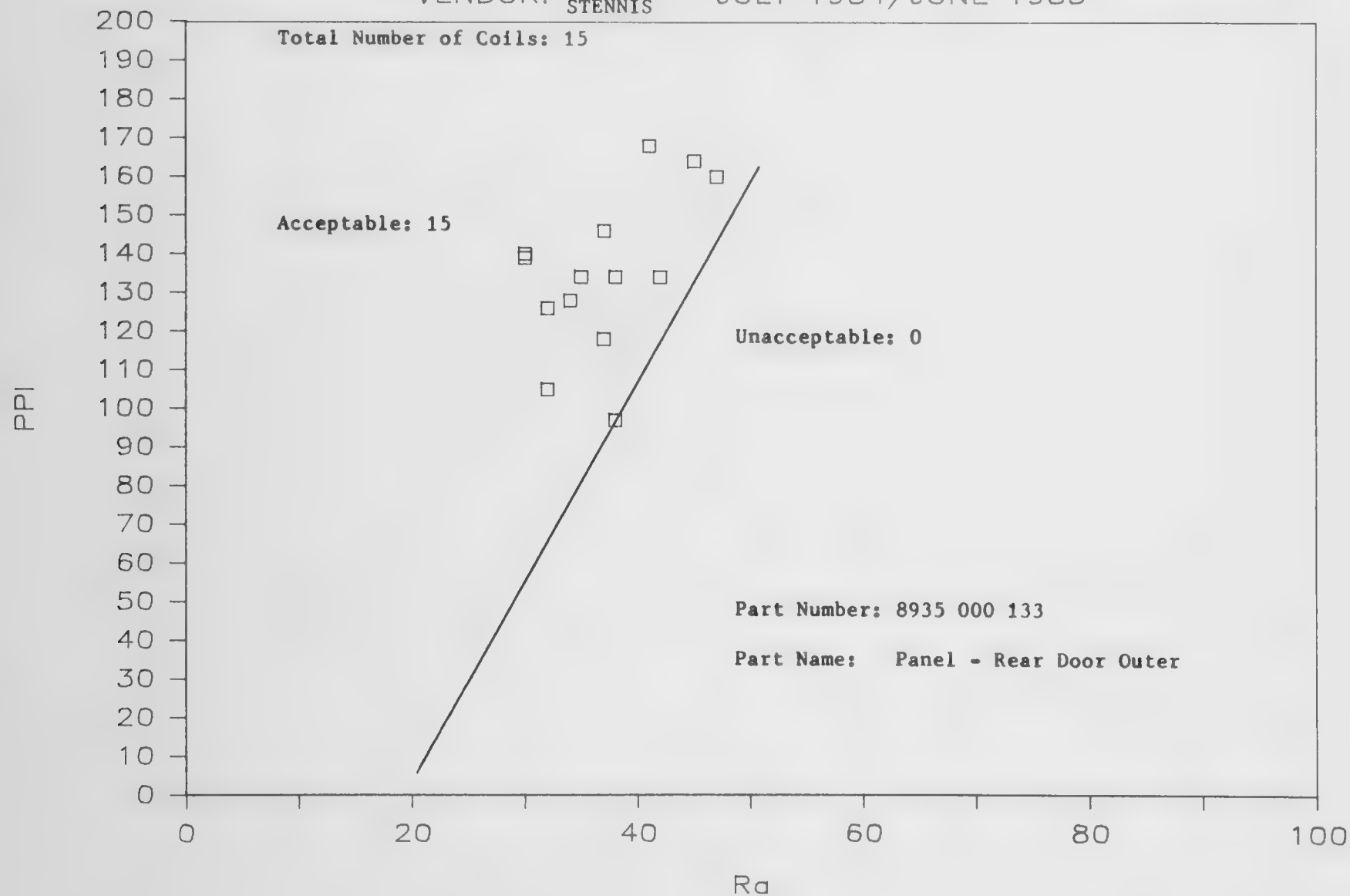
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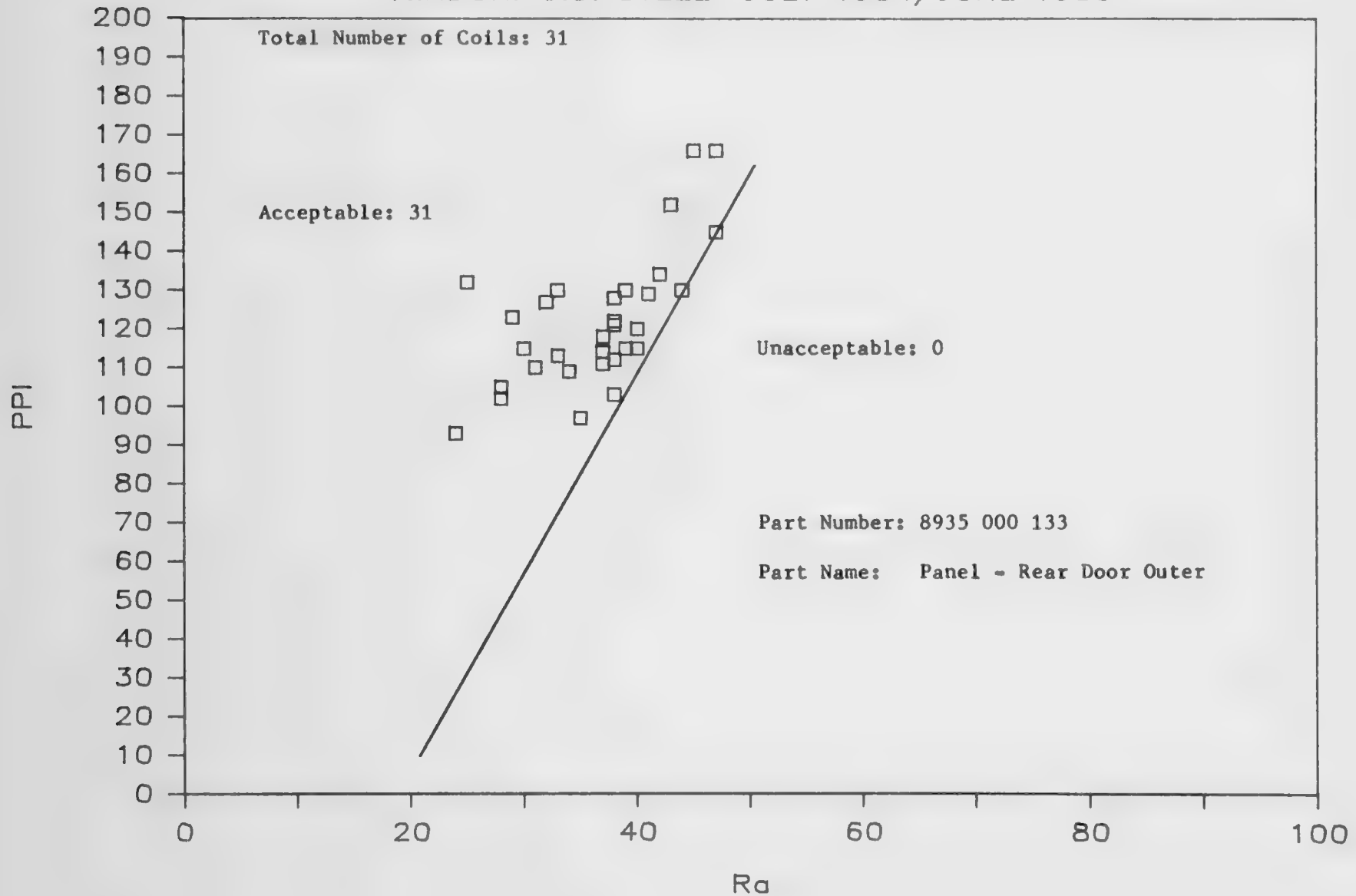
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JULY 1984/JUNE 1985



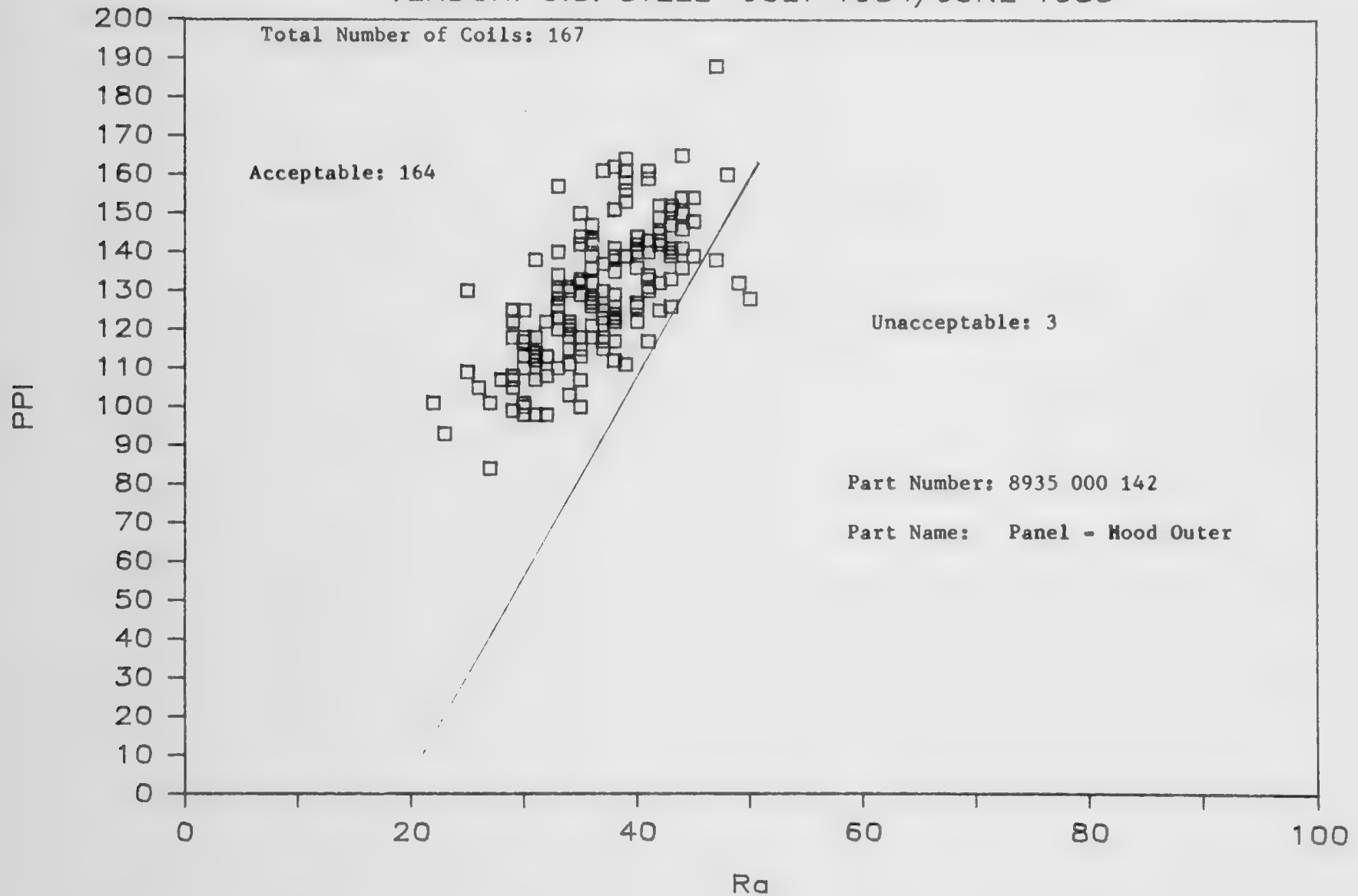
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# SURFACE ROUGHNESS HISTOGRAM

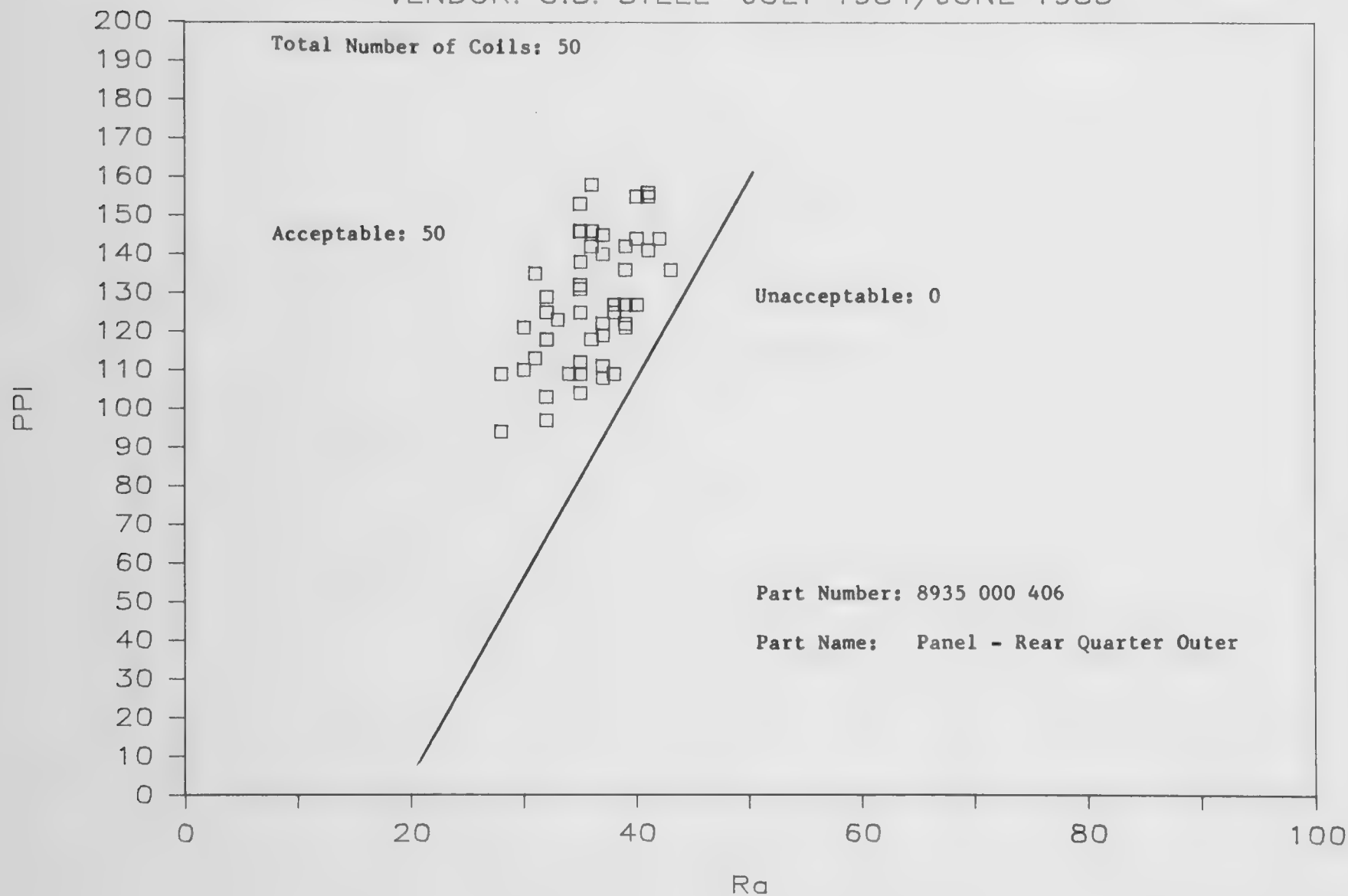
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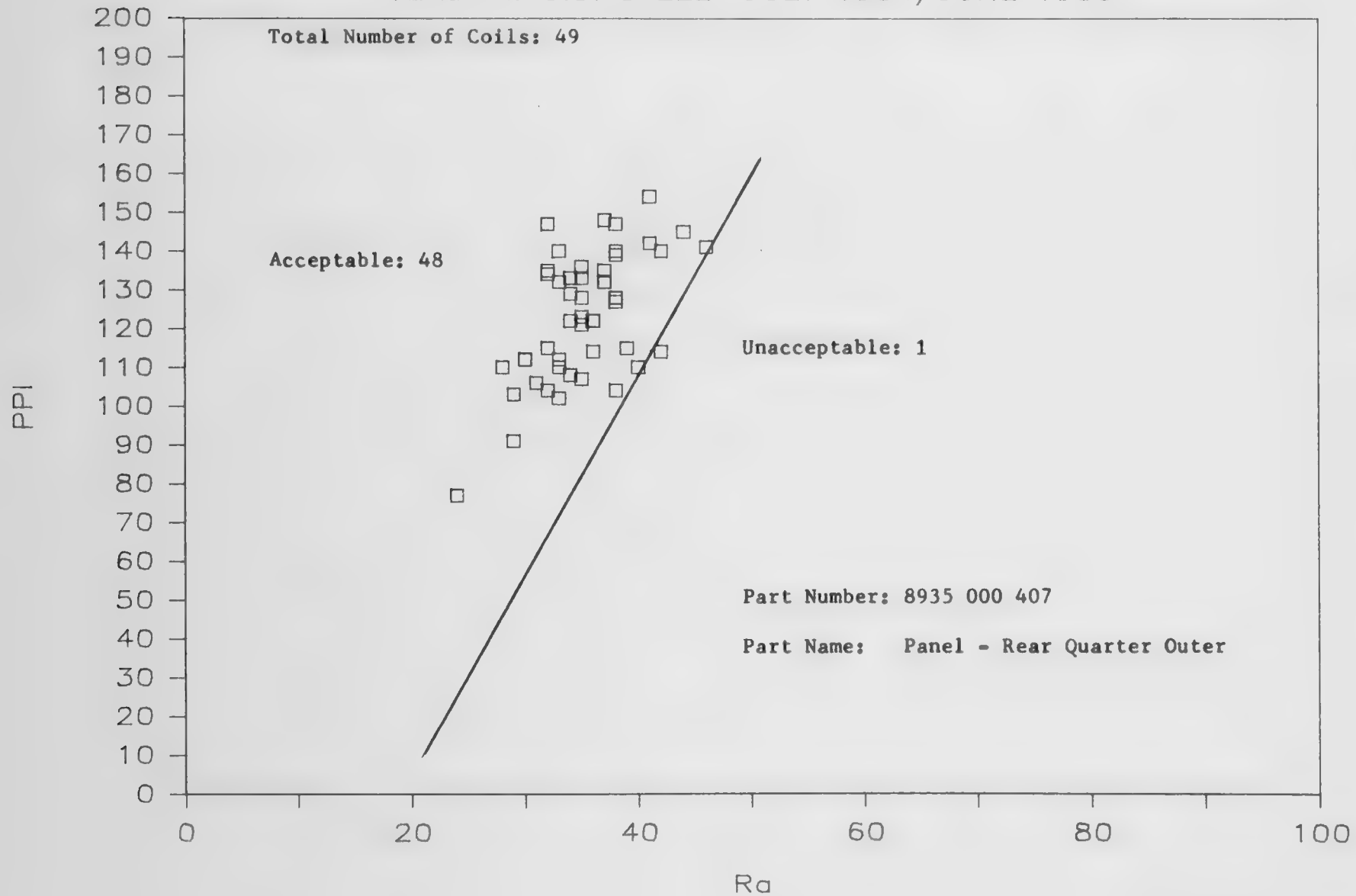
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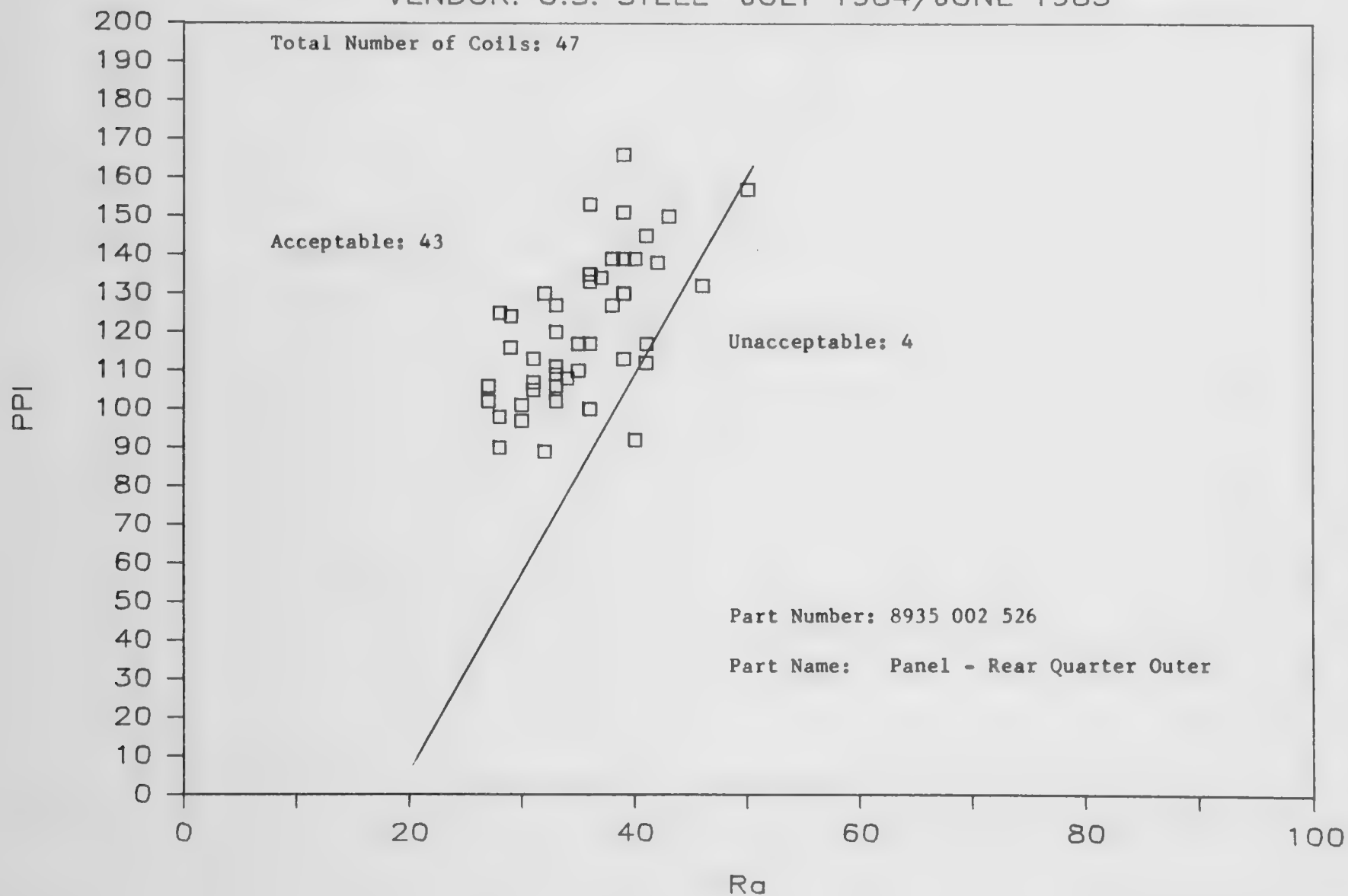
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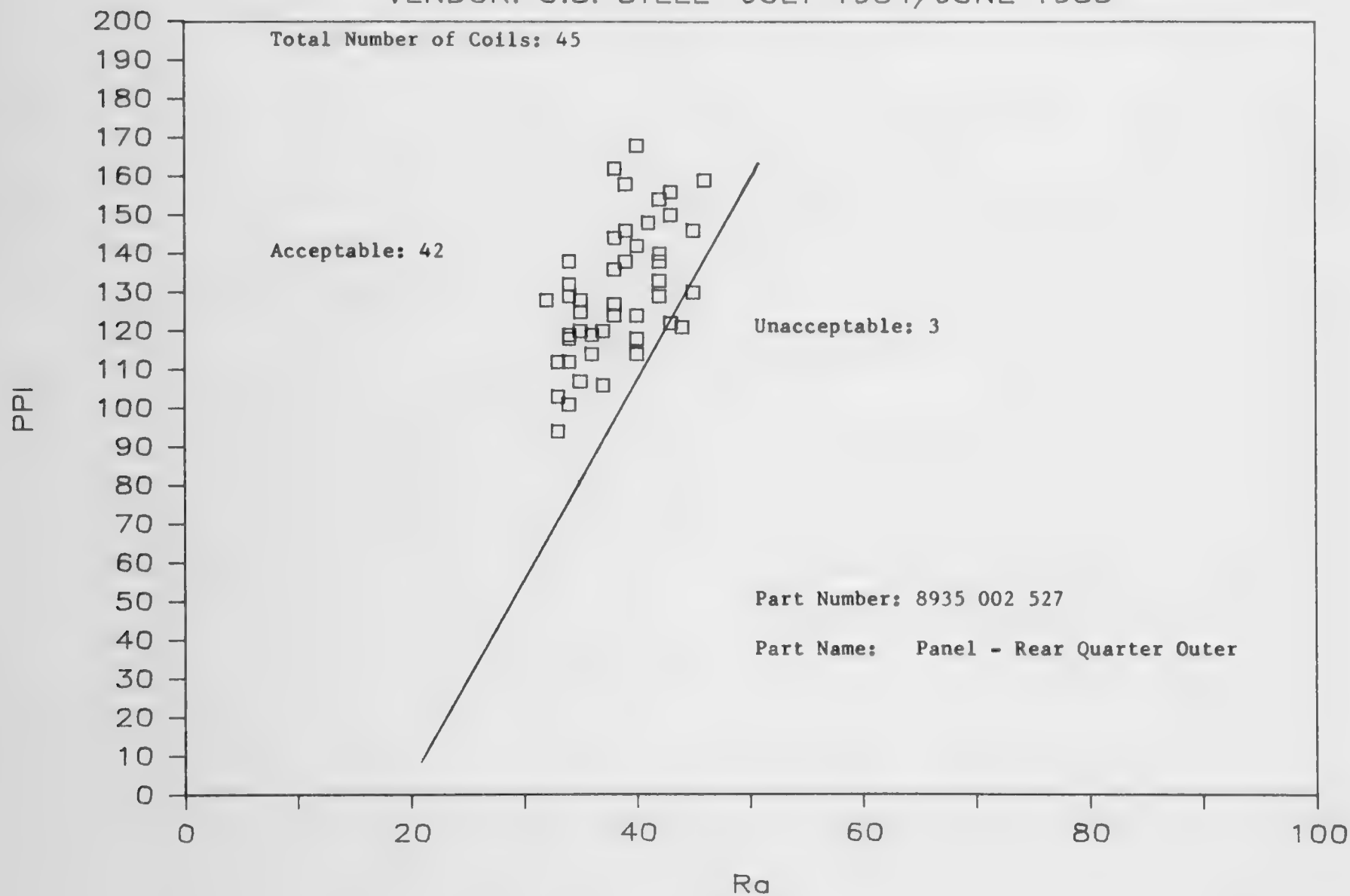
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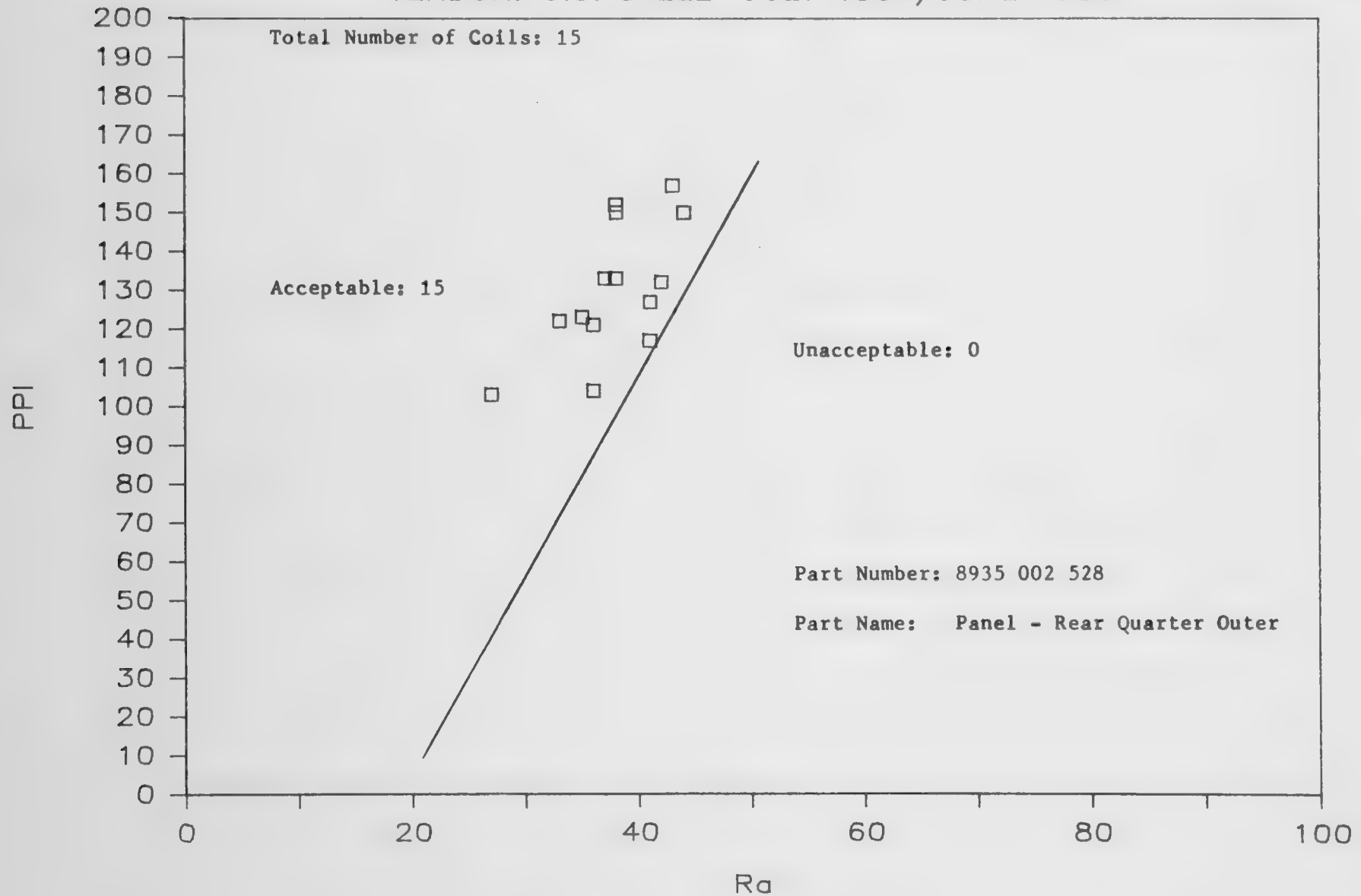
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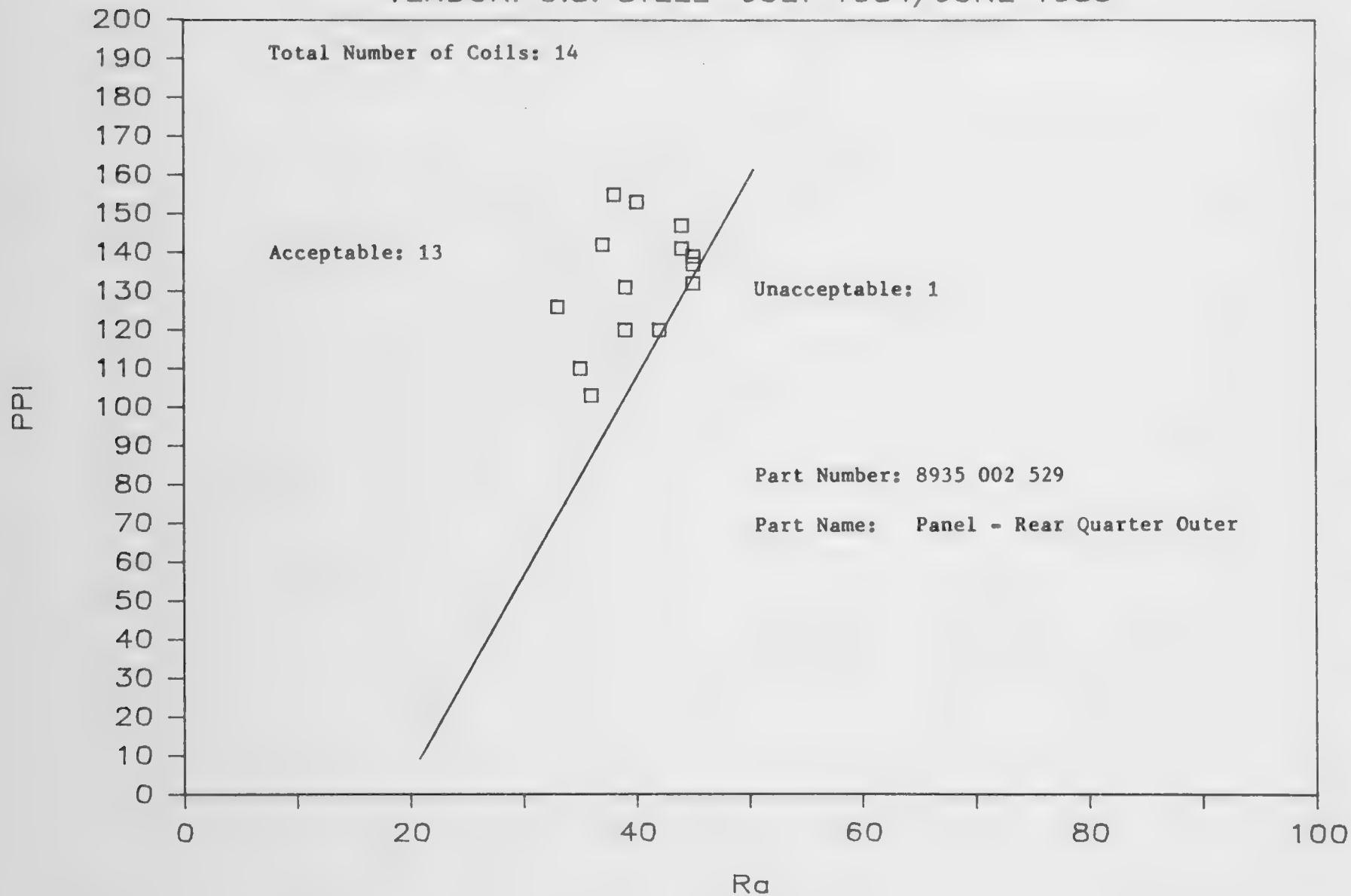
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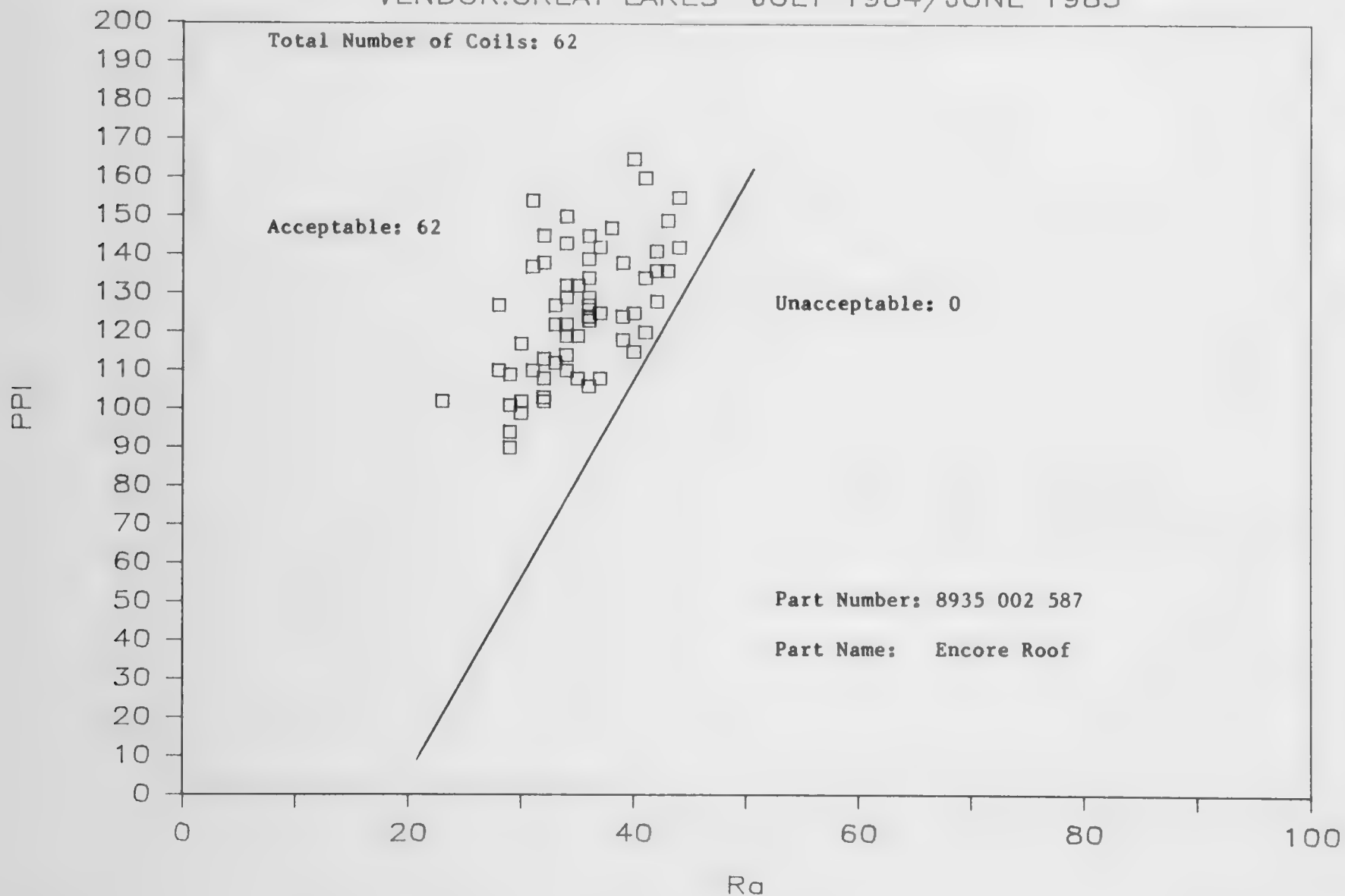
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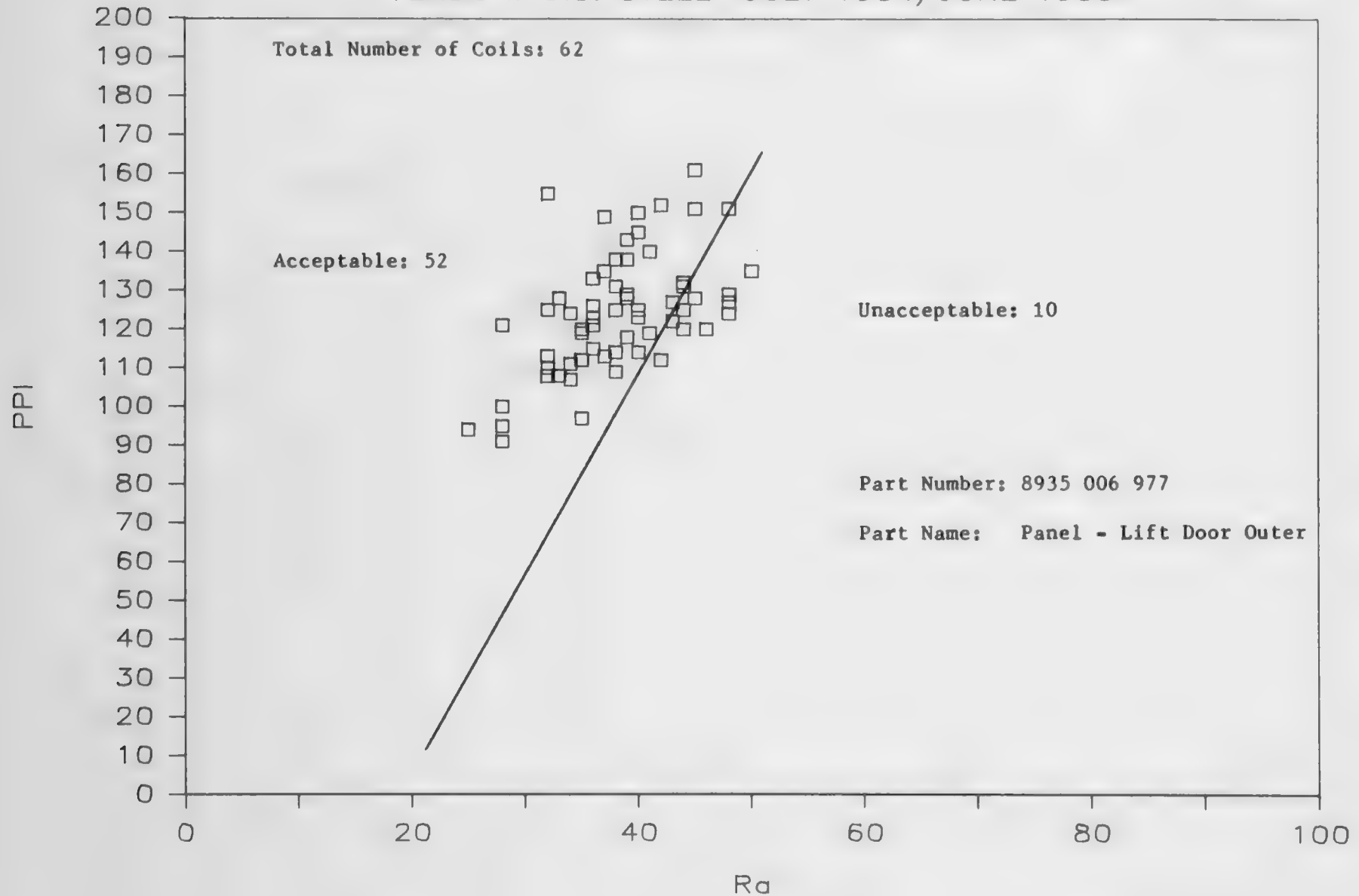
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VENDOR: GREAT LAKES JULY 1984/JUNE 1985



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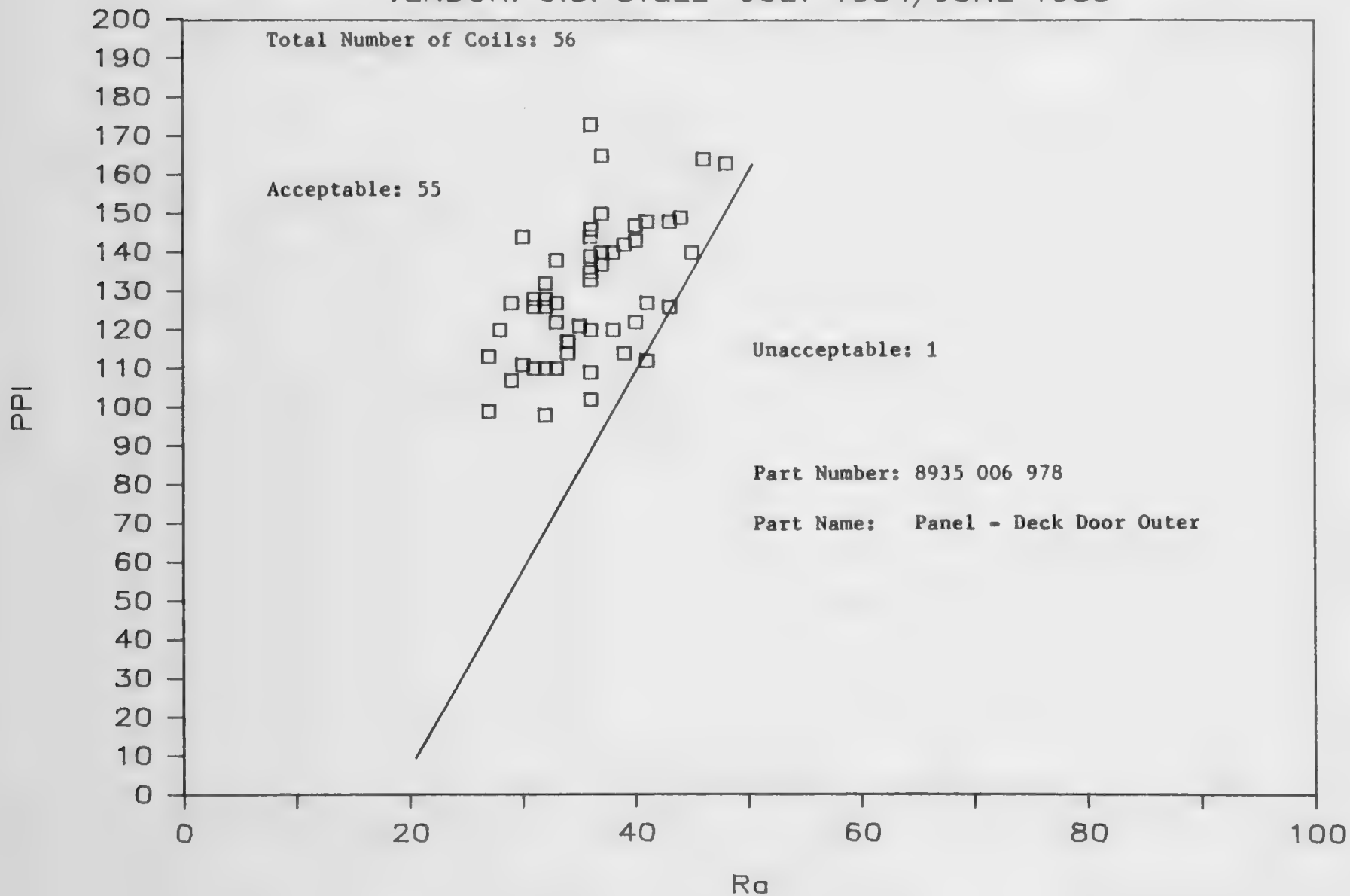
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# SURFACE ROUGHNESS HISTOGRAM

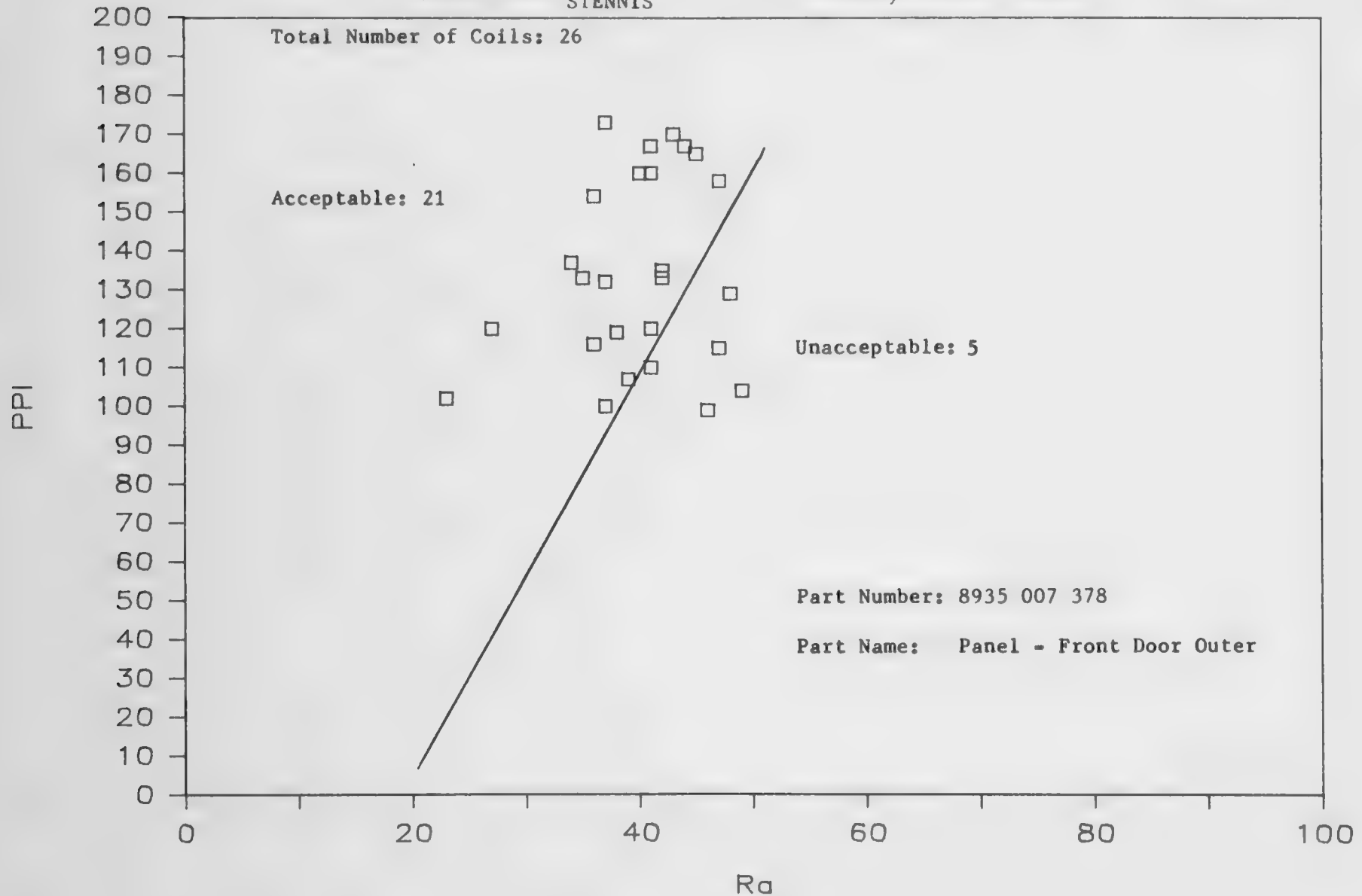
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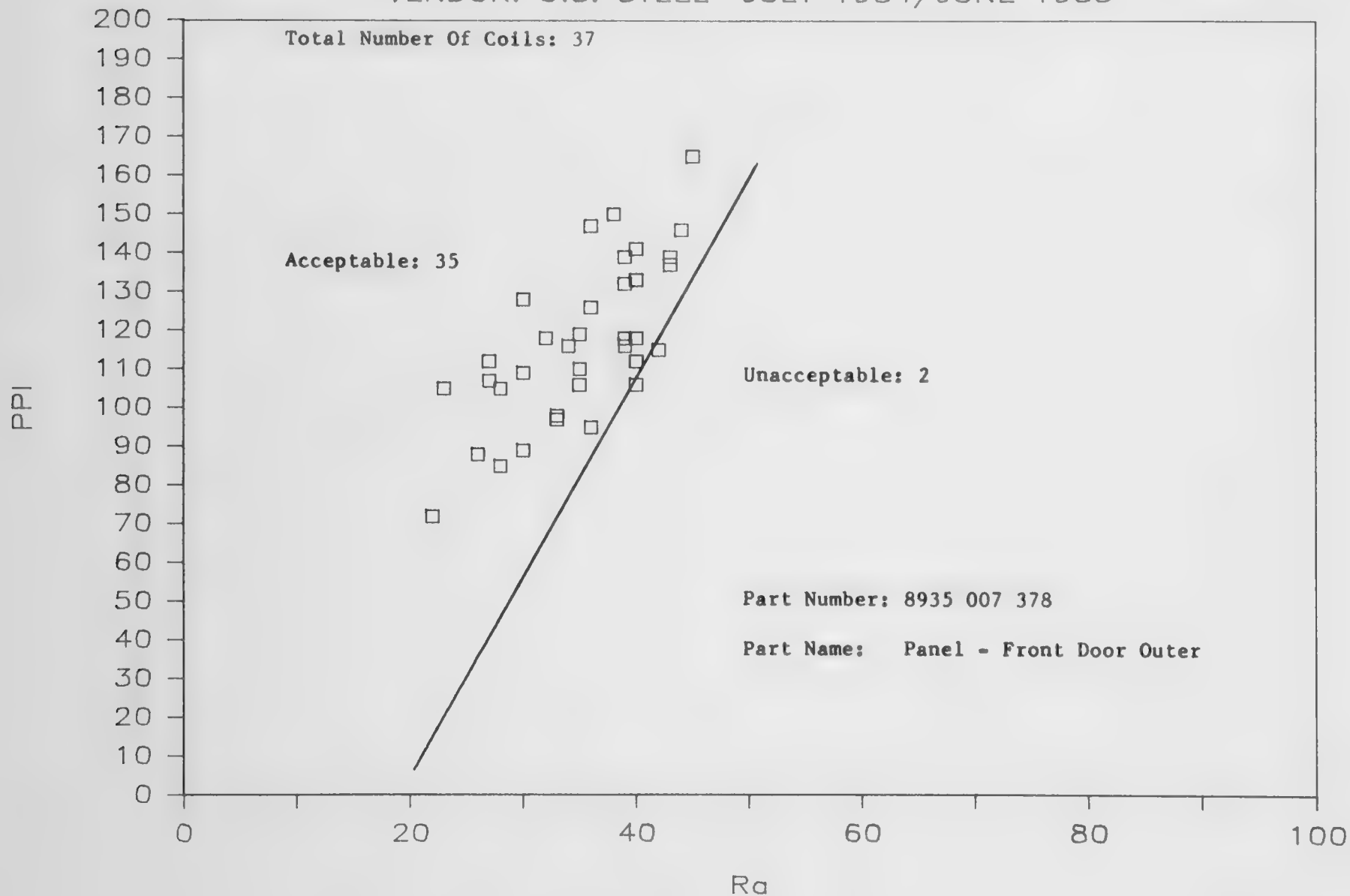
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STENNIS

JULY 1984/JUNE 1985



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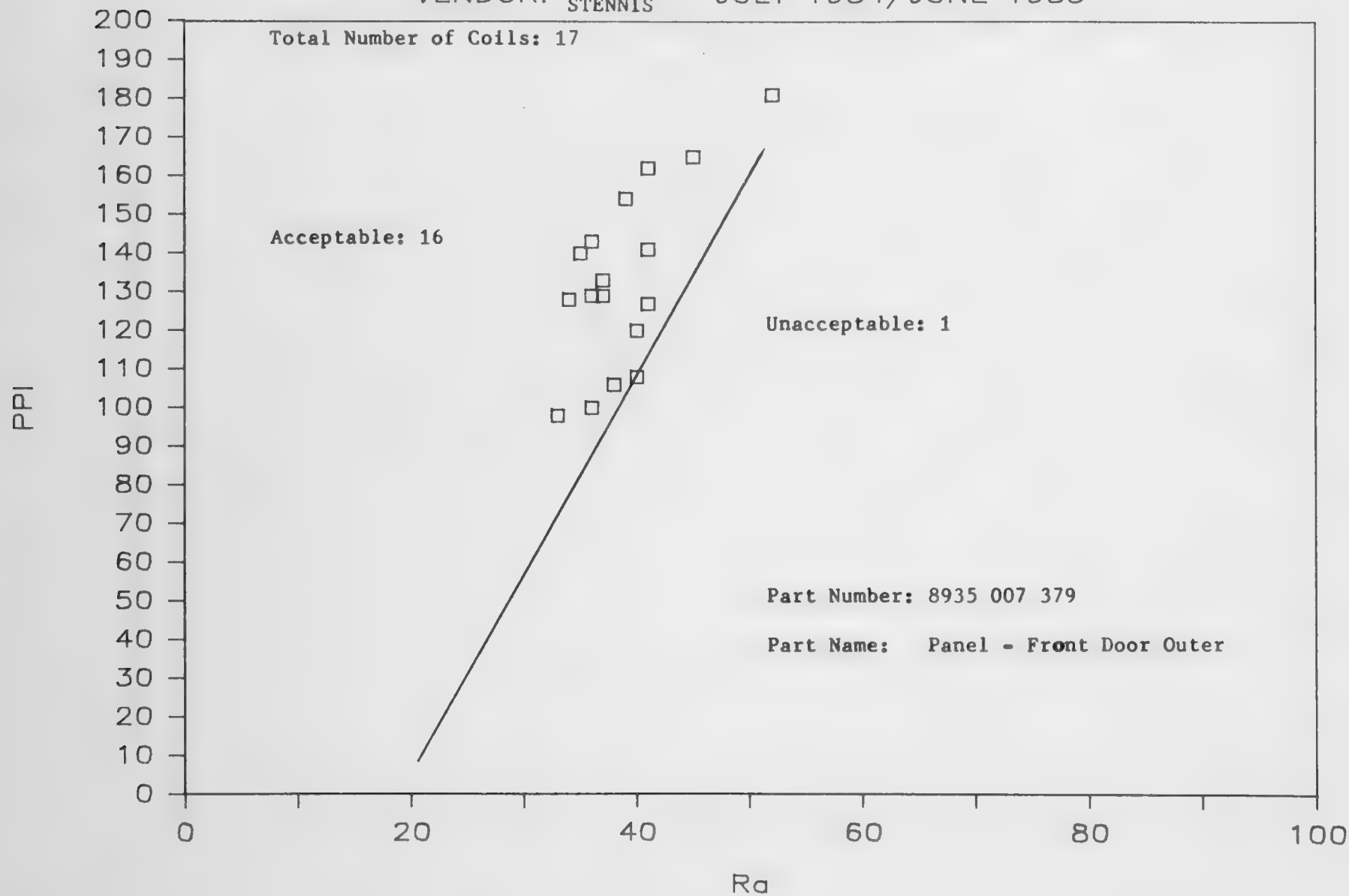
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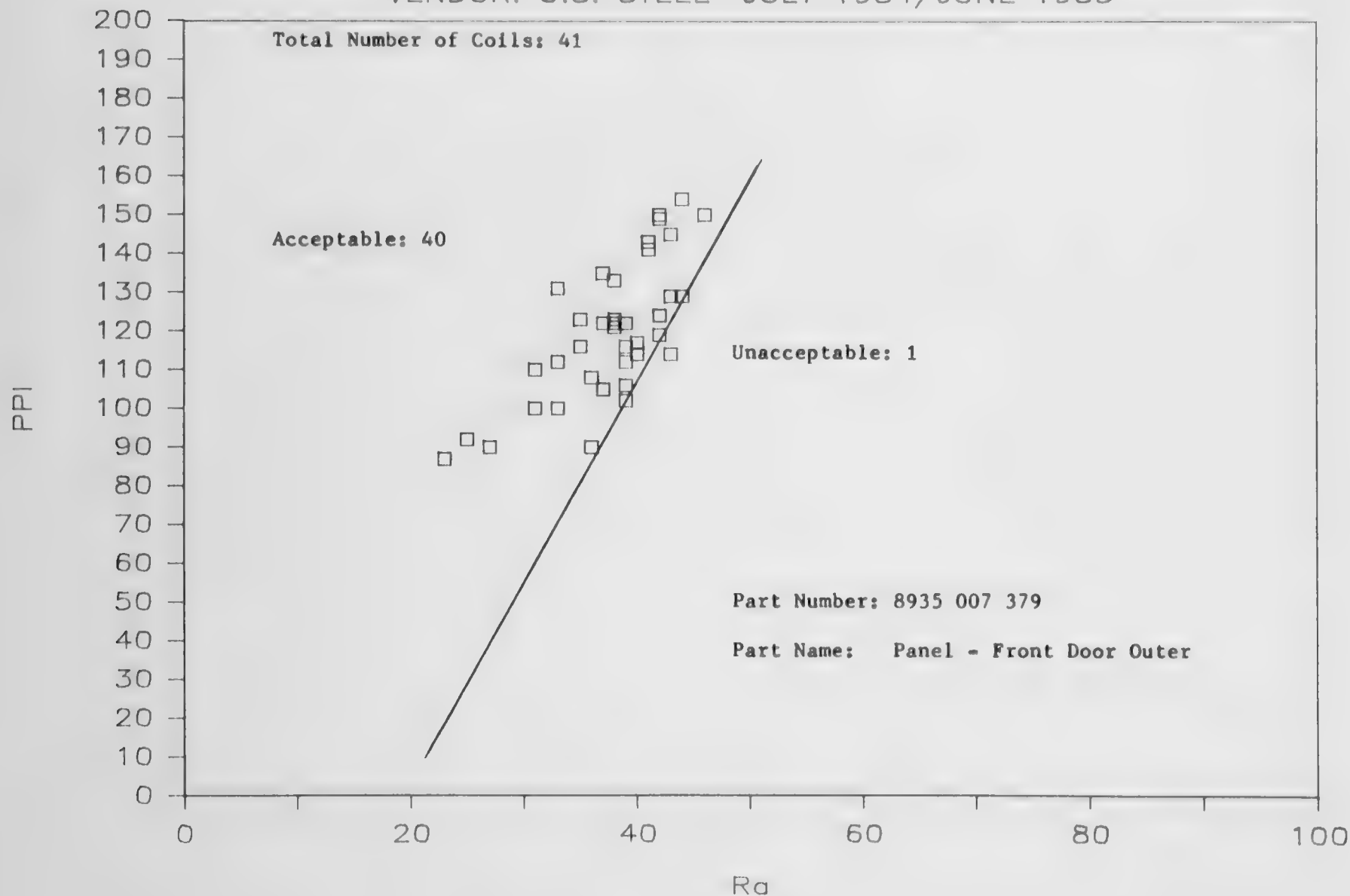
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STENNIS

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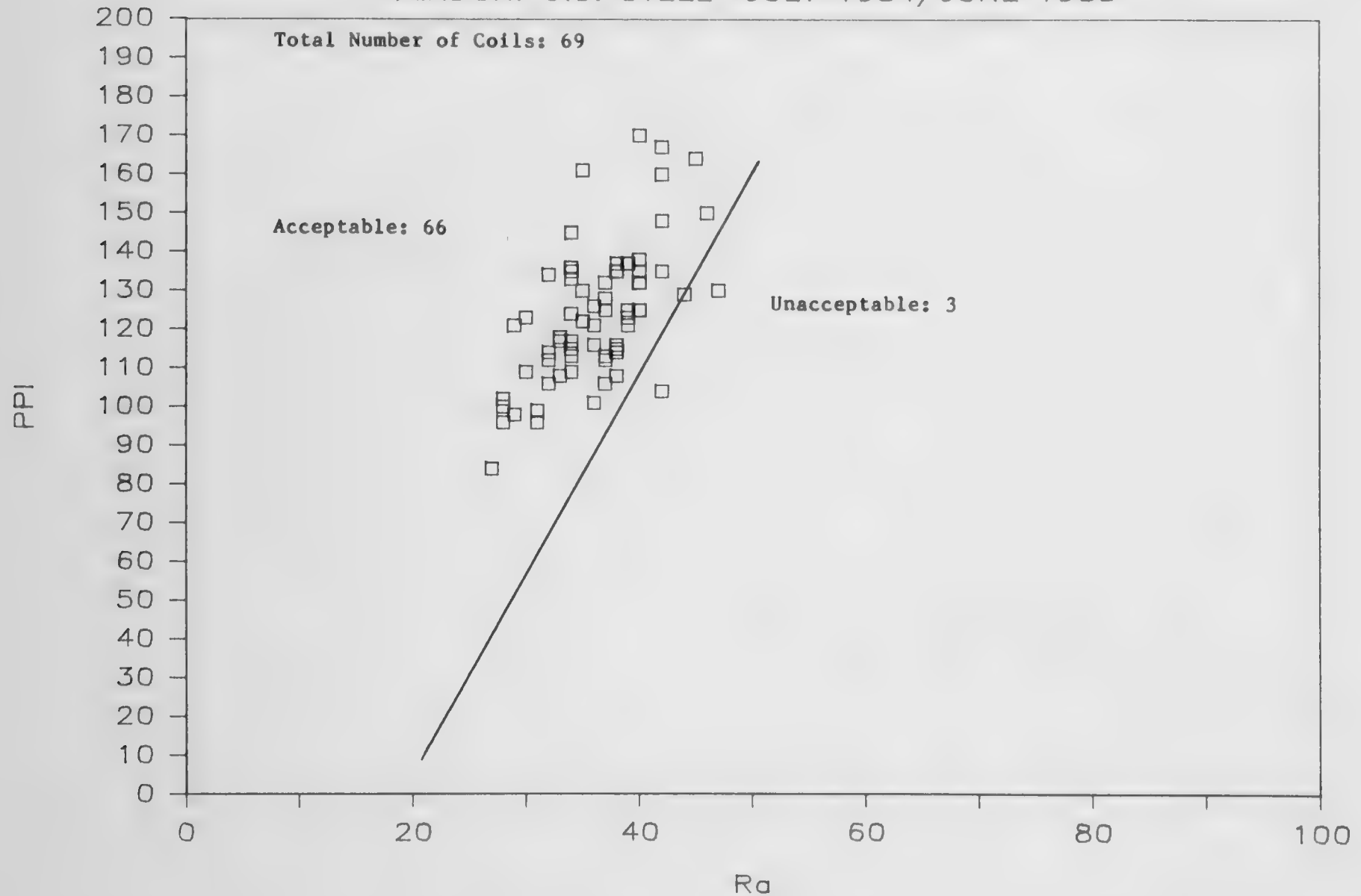
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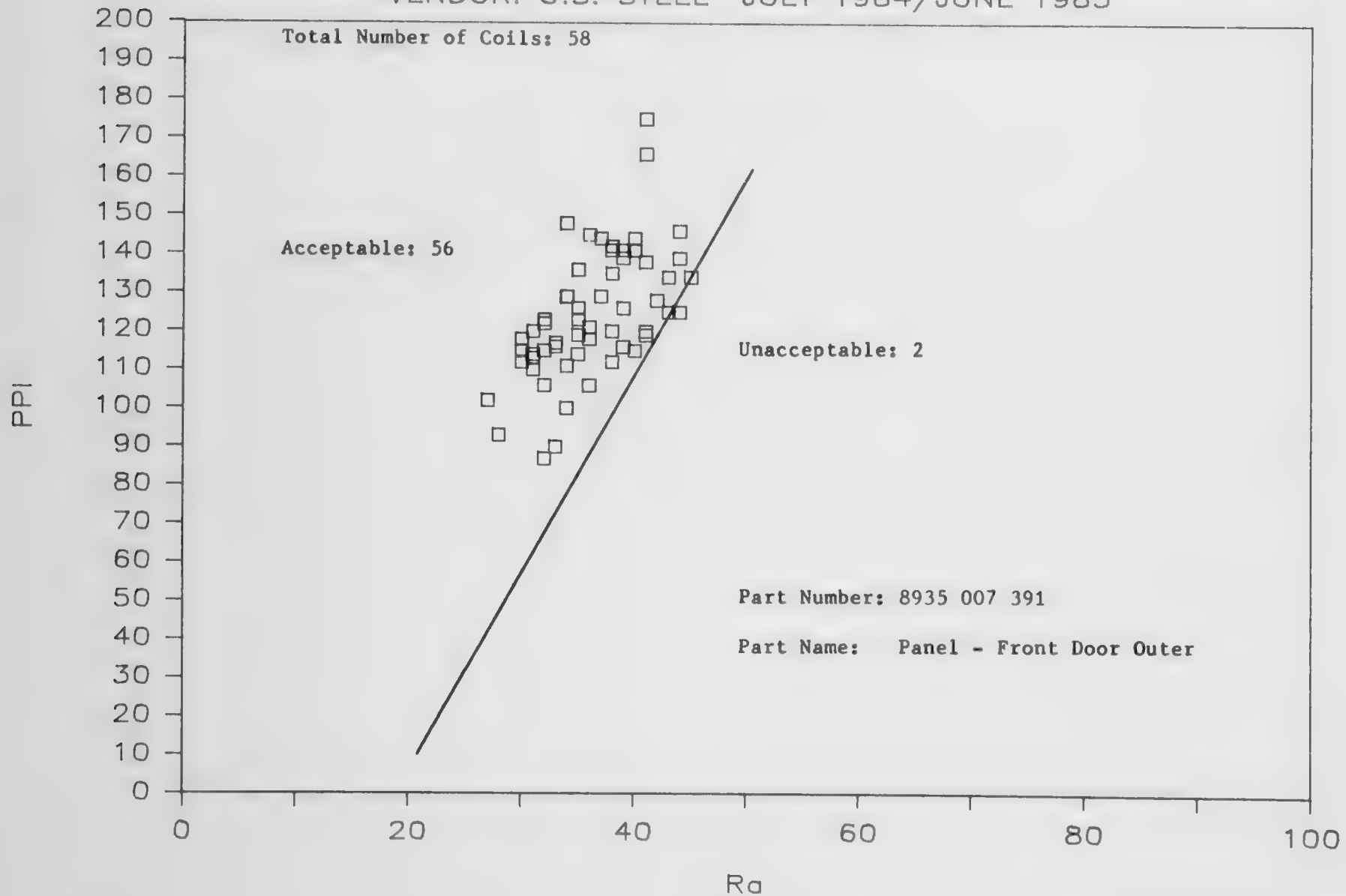
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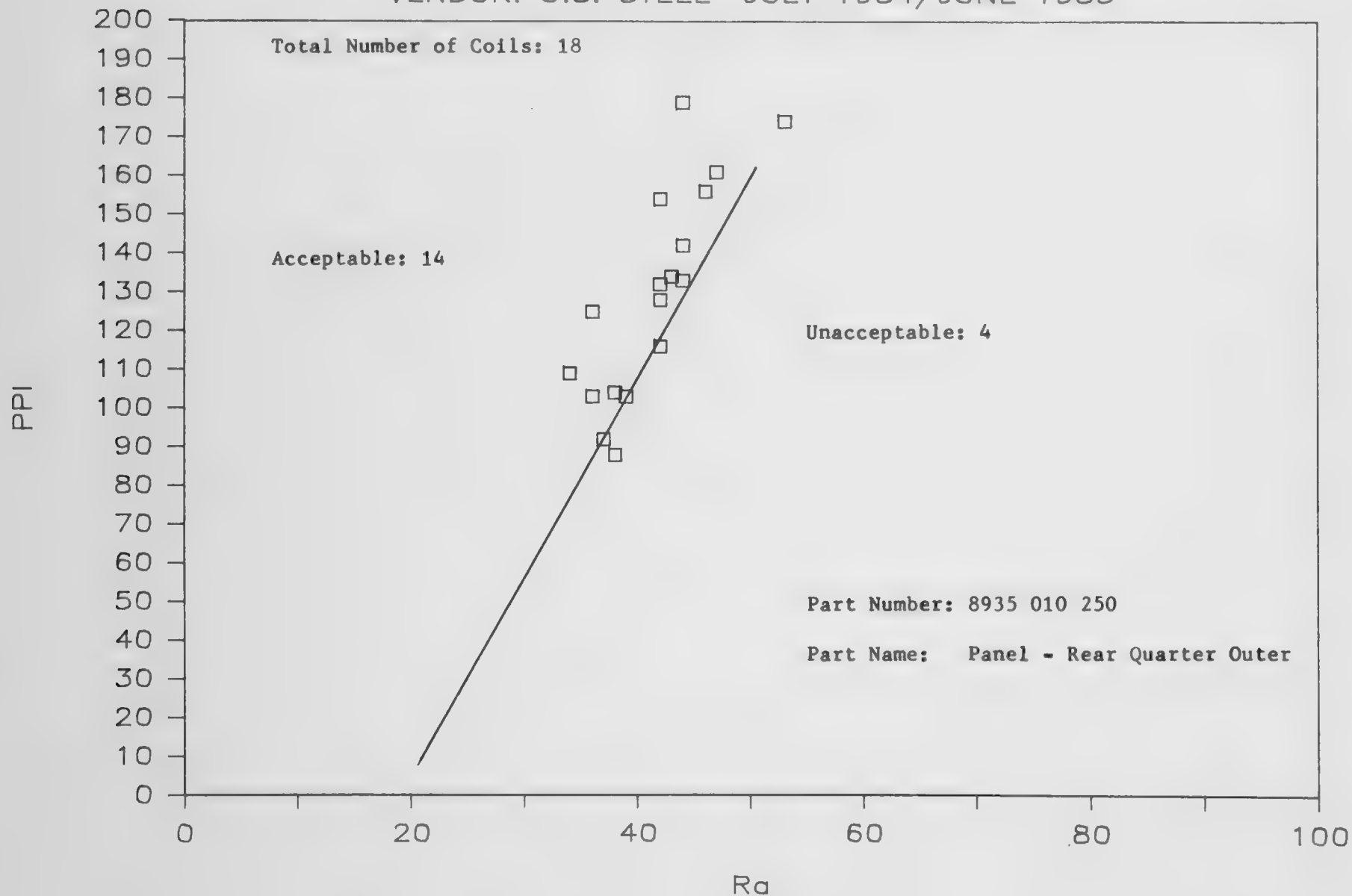
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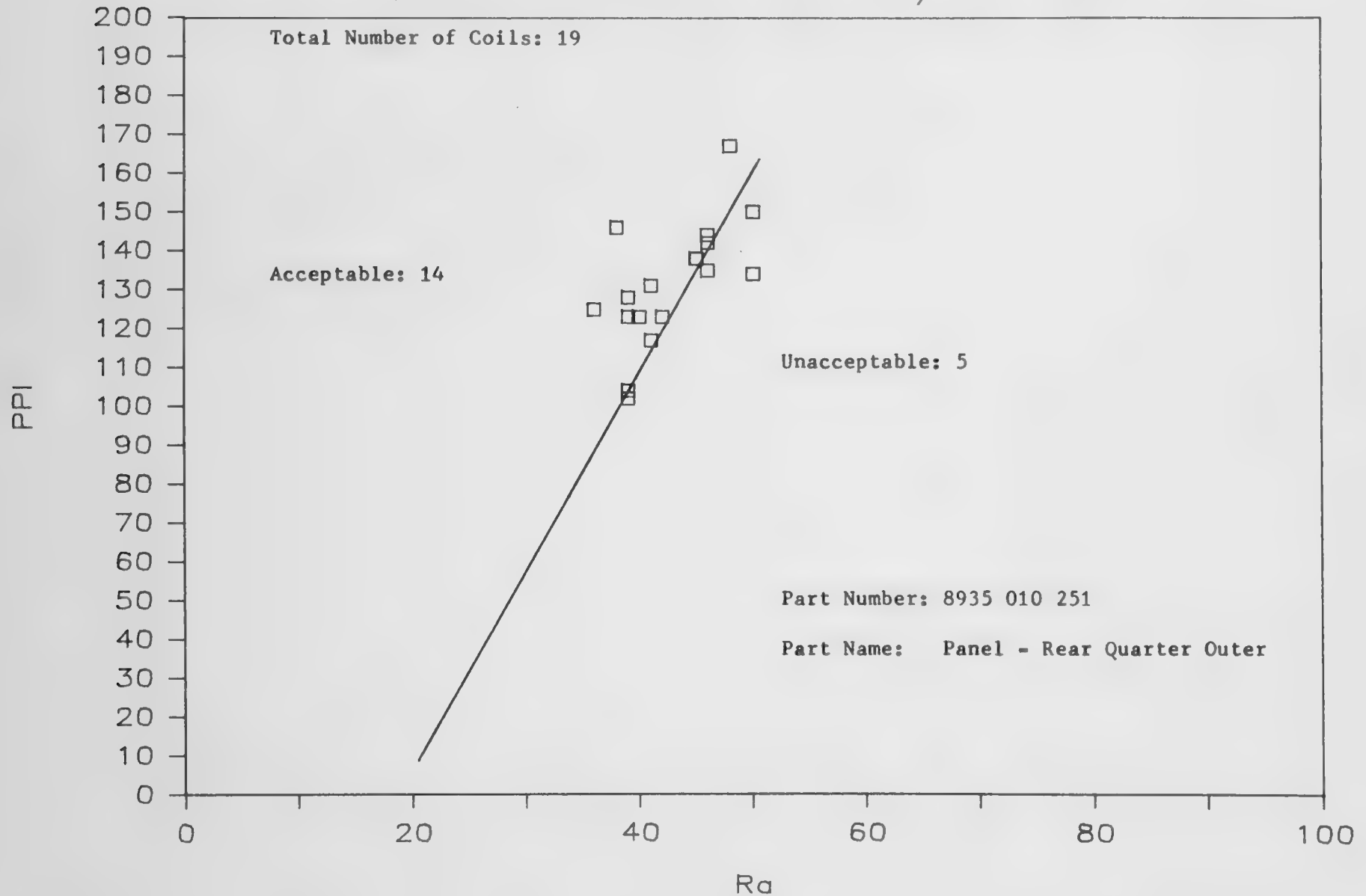
VENDOR: U.S. STEEL JULY 1984/JUNE 1985





# SURFACE ROUGHNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985





INDEX

ALLIANCE / ENCORE

(HARDNESS - OLSEN - THICKNESS - SURFACE ROUGHNESS)

SECTION II

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8935 000 092	Panel - Bodyside Outer	Nippon U. S. Steel
8935 000 093	Panel - Bodyside Outer	Nippon U. S. Steel
8935 000 106	Panel - Rr. Wheelhouse Outer	Nippon Steel & Wire
8935 000 107	Panel - Rr. Wheelhouse Outer	Nippon Steel & Wire
8935 000 124	Panel - Frt. Door Inner	Nippon
8935 000 125	Panel - Frt. Door Inner	Nippon
8935 000 124-5 (Galv.)	Panel - Frt. Door Inner	Nippon
8935 000 136	Panel - Rr. Door Inner	Nippon
8935 000 137	Panel - Rr. Door Inner	Nippon
8935 000 136-7 (Galv.)	Panel - Rr. Door Inner	Nippon
8935 000 400	Panel - Frt. Door Inner	Nippon
8935 000 401	Panel - Frt. Door Inner	Nippon
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8935 000 439	Panel - Rr. Floor Rear	LTV (J&L) U. S. Steel
8935 000 454	Panel - Bodyside Outer	U. S. Steel
8935 000 455	Panel-- Bodyside Outer	U. S. Steel
8935 009 918	Panel - Hood Inner	Century Kenwall MC Steel National Material



# BODYSIDE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 092    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

U.S. STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 092 SIZE: .030 X 65.5 X COIL GRADE: CRODQAKE OSG



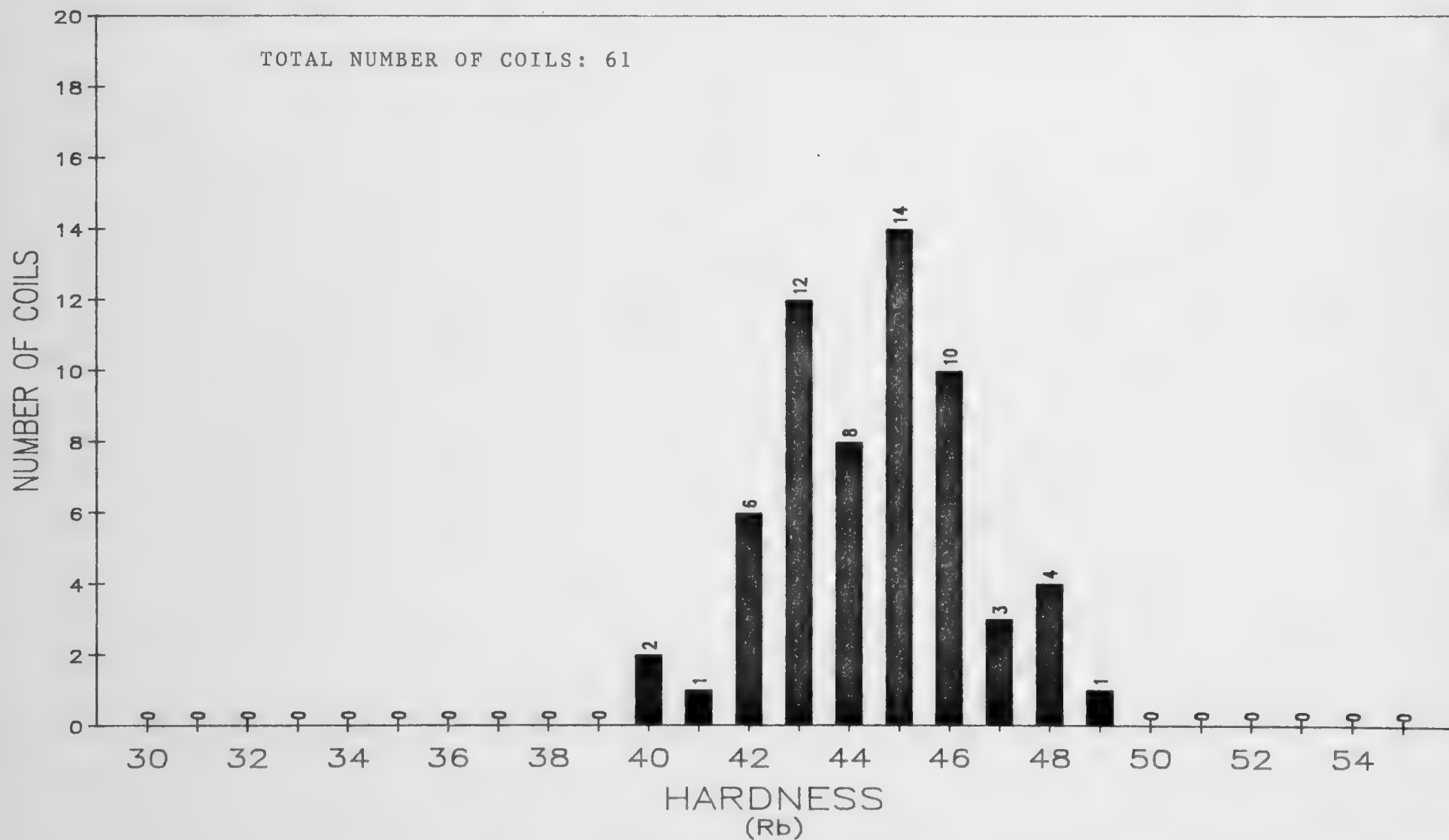
# BODYSIDE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 093    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 093    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG





# REAR WHEELHOUSE OUTER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 106 SIZE: .026 X 27.25 X COIL GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

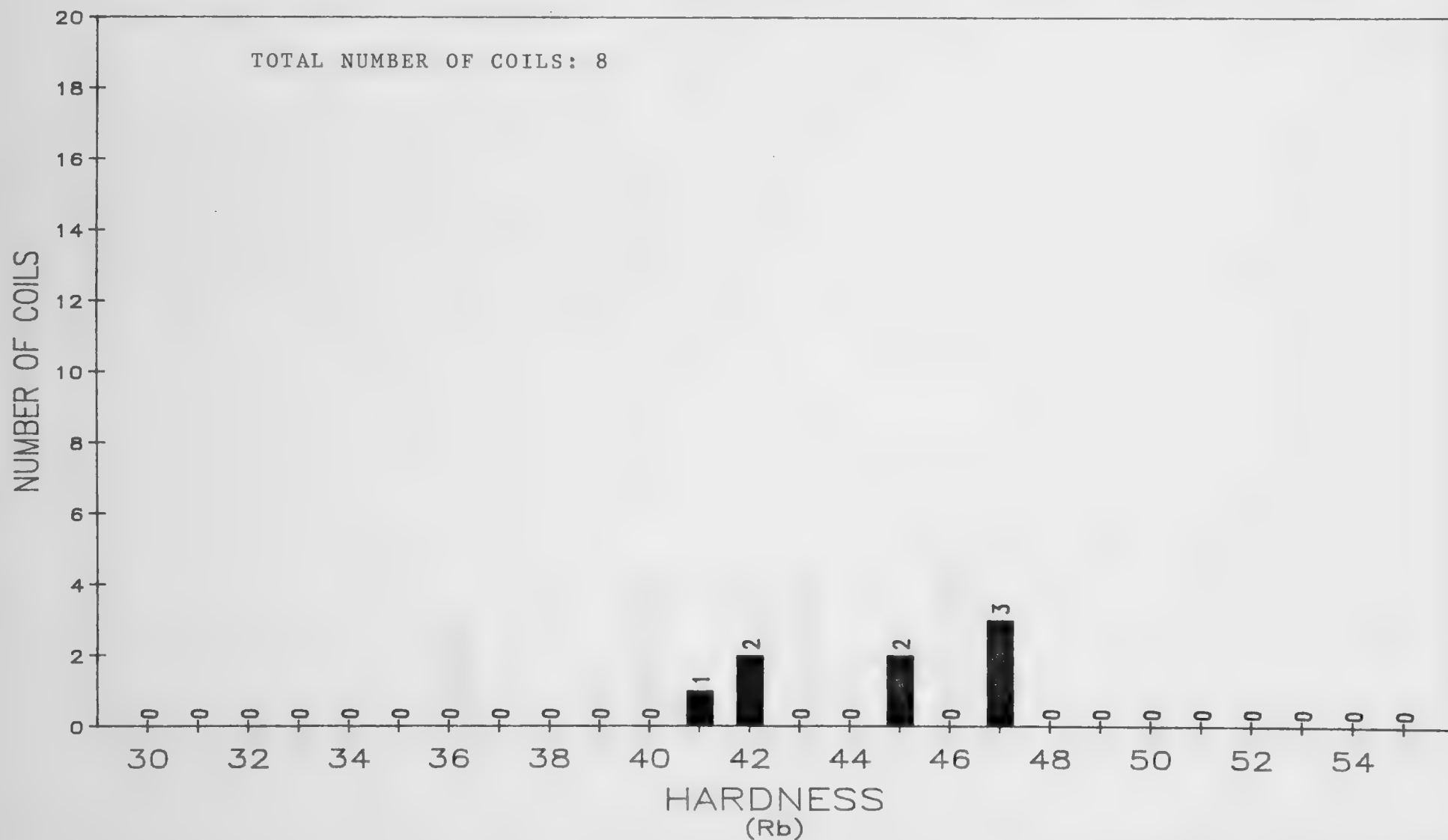
STEEL & WIRE

JULY 1984 THRU JUNE 1985

PART NO: 8935 000 106

SIZE: .026 X 27.25 X COIL

GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 107 SIZE: .026 X 28.25 X COIL GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

STEEL & WIRE JULY 1984 THRU JUNE 1985

PART NO: 8935 000 107 SIZE: .026 X 28.25 X COIL GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 124 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

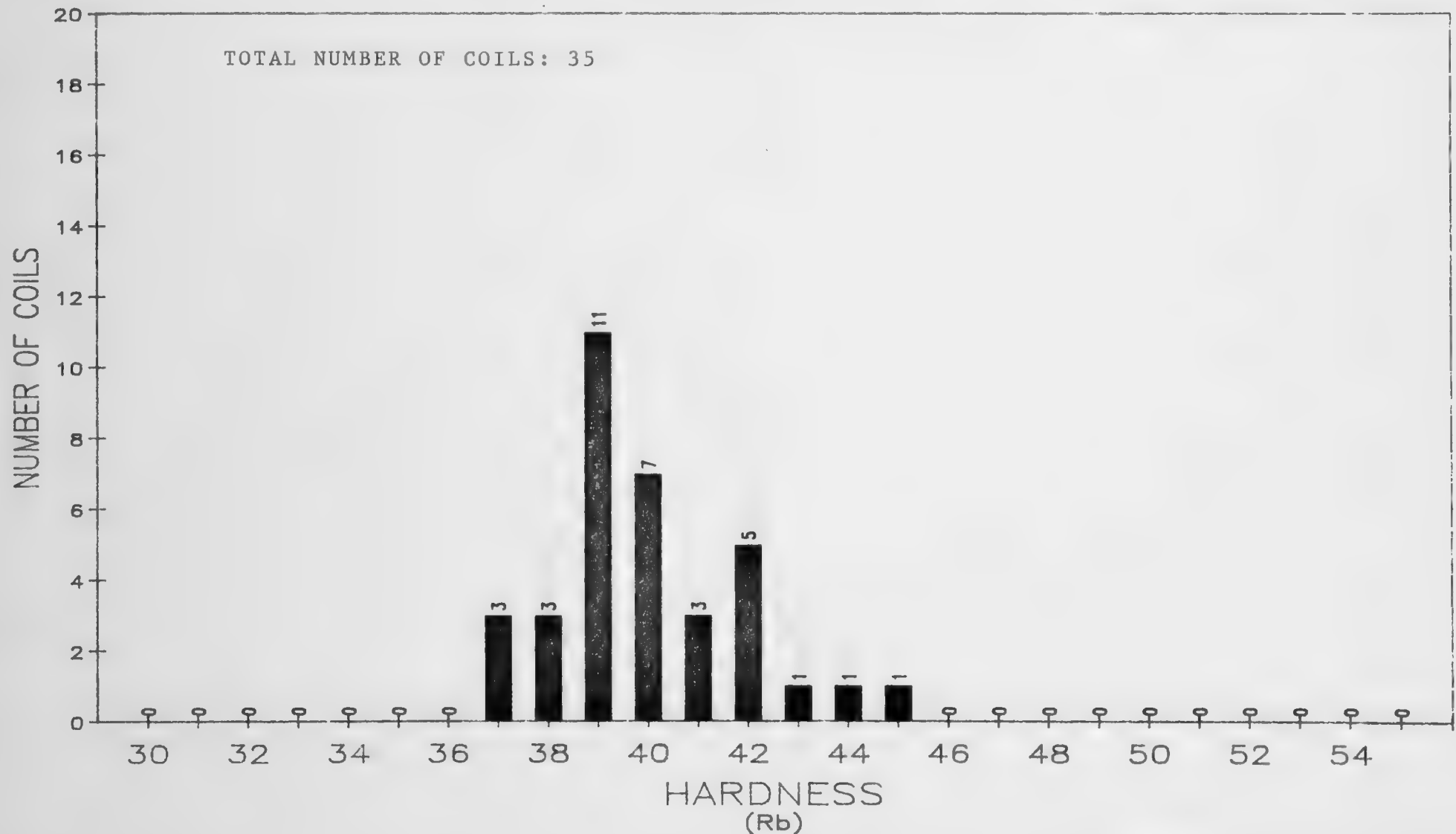
NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 125 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985

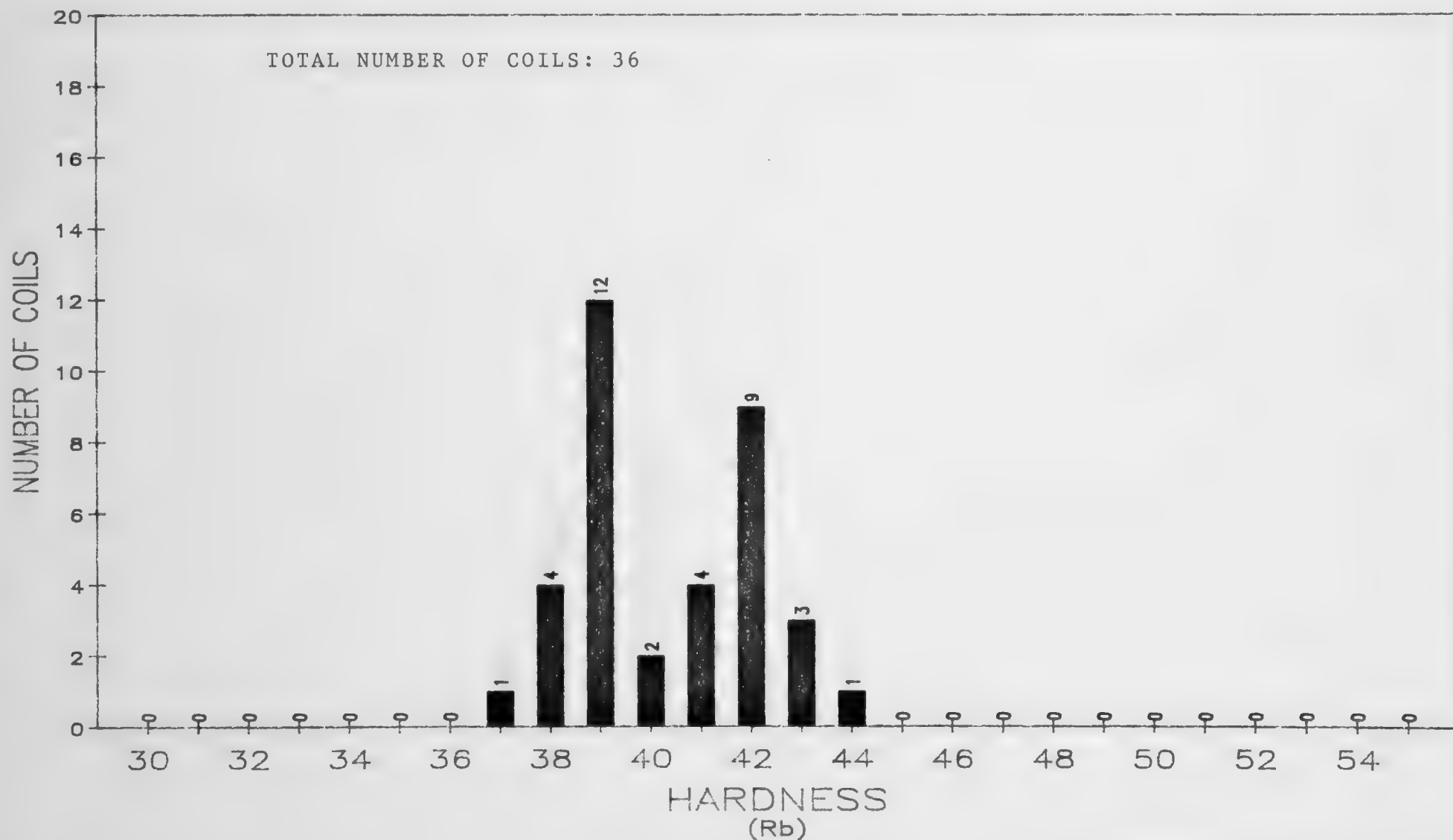
PART NO: 8935 000 124-5 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU GALV.



# REAR DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 136 SIZE: .026 X 45.3 X COIL GRADE: CRODQAKU OSG





# REAR DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

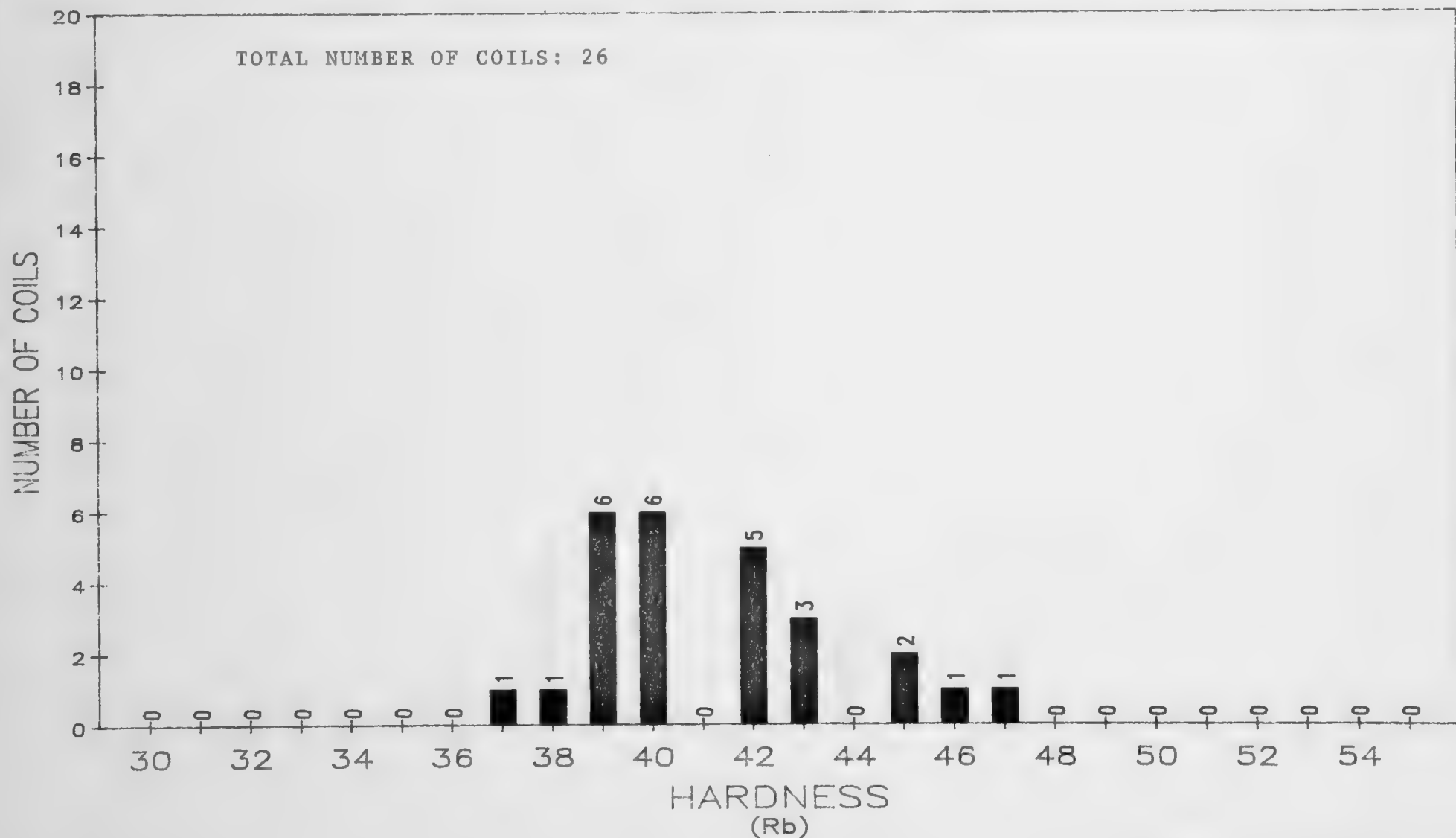
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PART NO: 8935 000 137    SIZE: .026 X 45.3 X COIL    GRADE: CRODQAKU OSG



# REAR DOOR INNER HISTOGRAM ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 136-7 SIZE: .026 X 45.3 X COIL GRADE: CRODQAKU GALV.



# FRONT DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985

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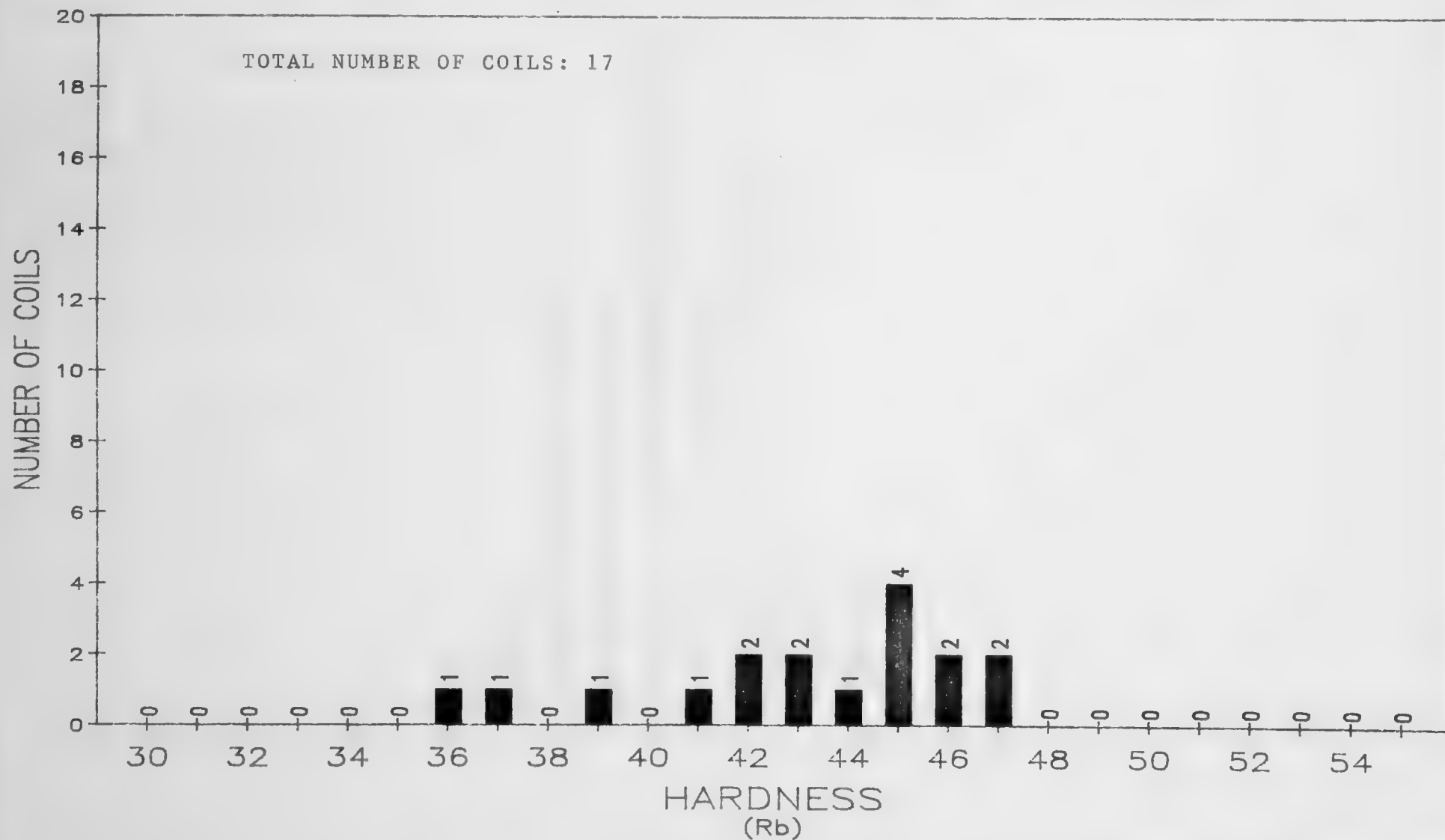


# FRONT DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NIPPON STEEL JULY 1984 THRU JUNE 1985

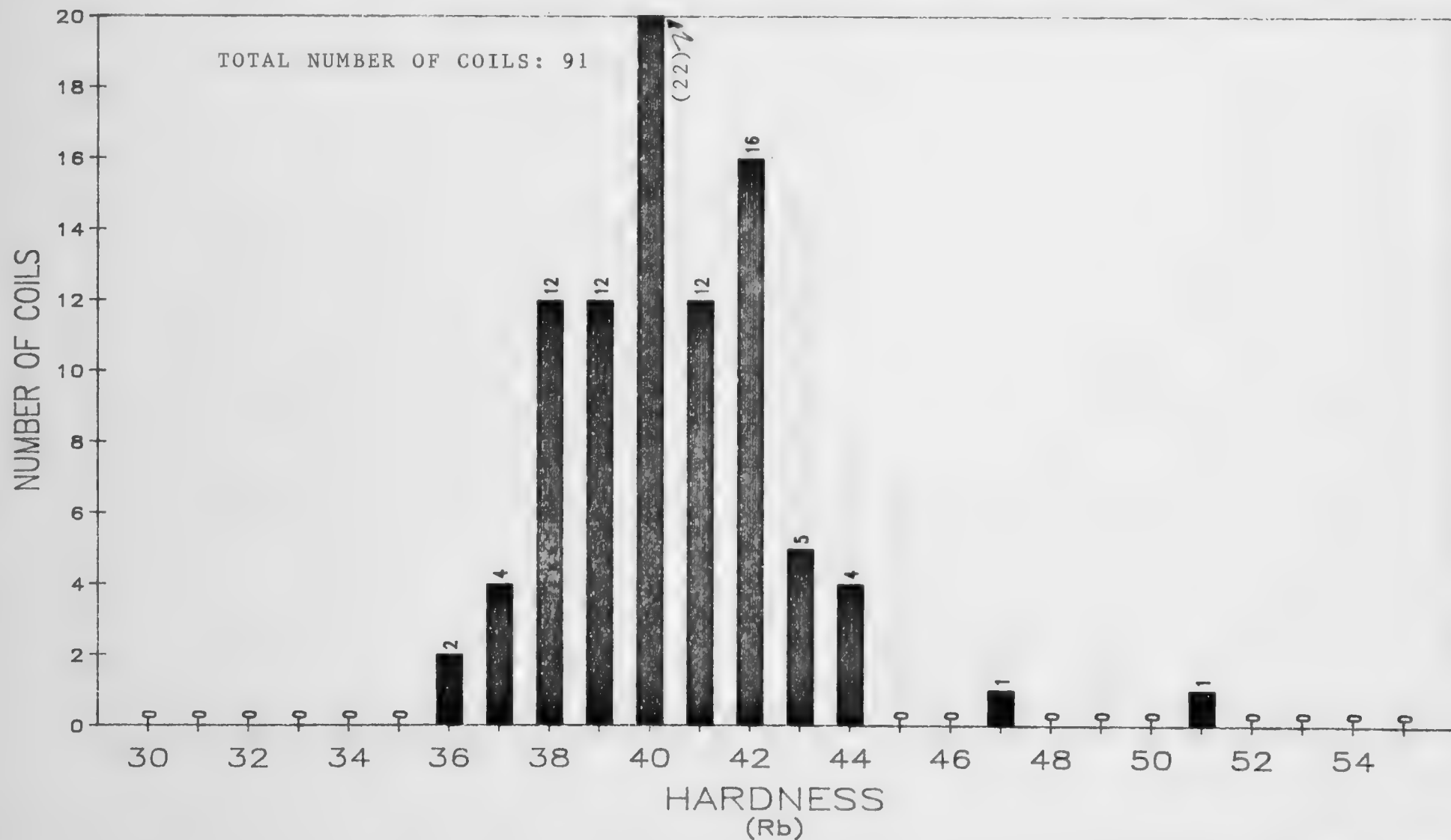
PART NO: 8935 000 401 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

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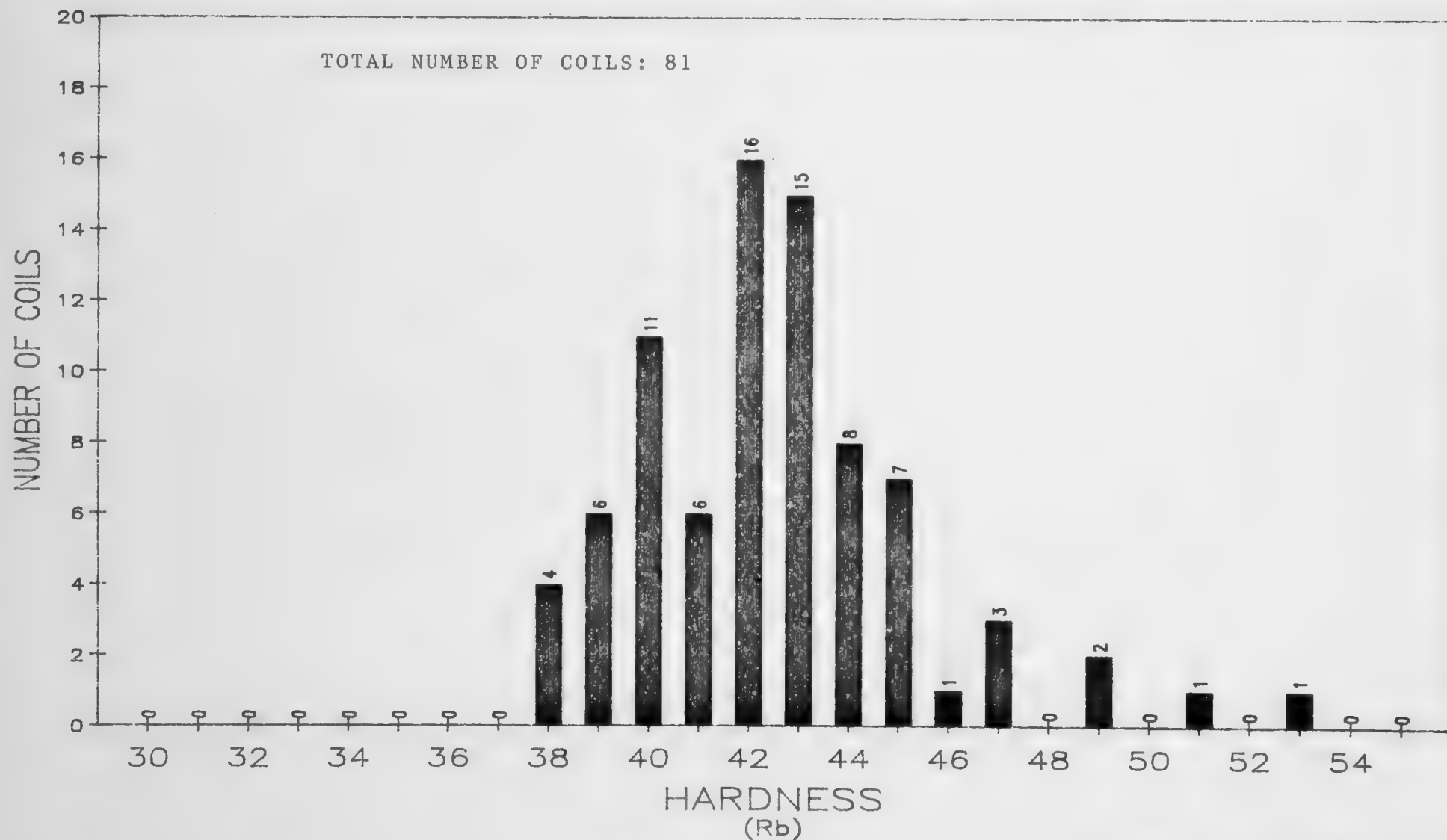


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## ROCKWELL HARDNESS (Rb)

LTV STEEL (J&L) JULY 1984 THRU JUNE 1985

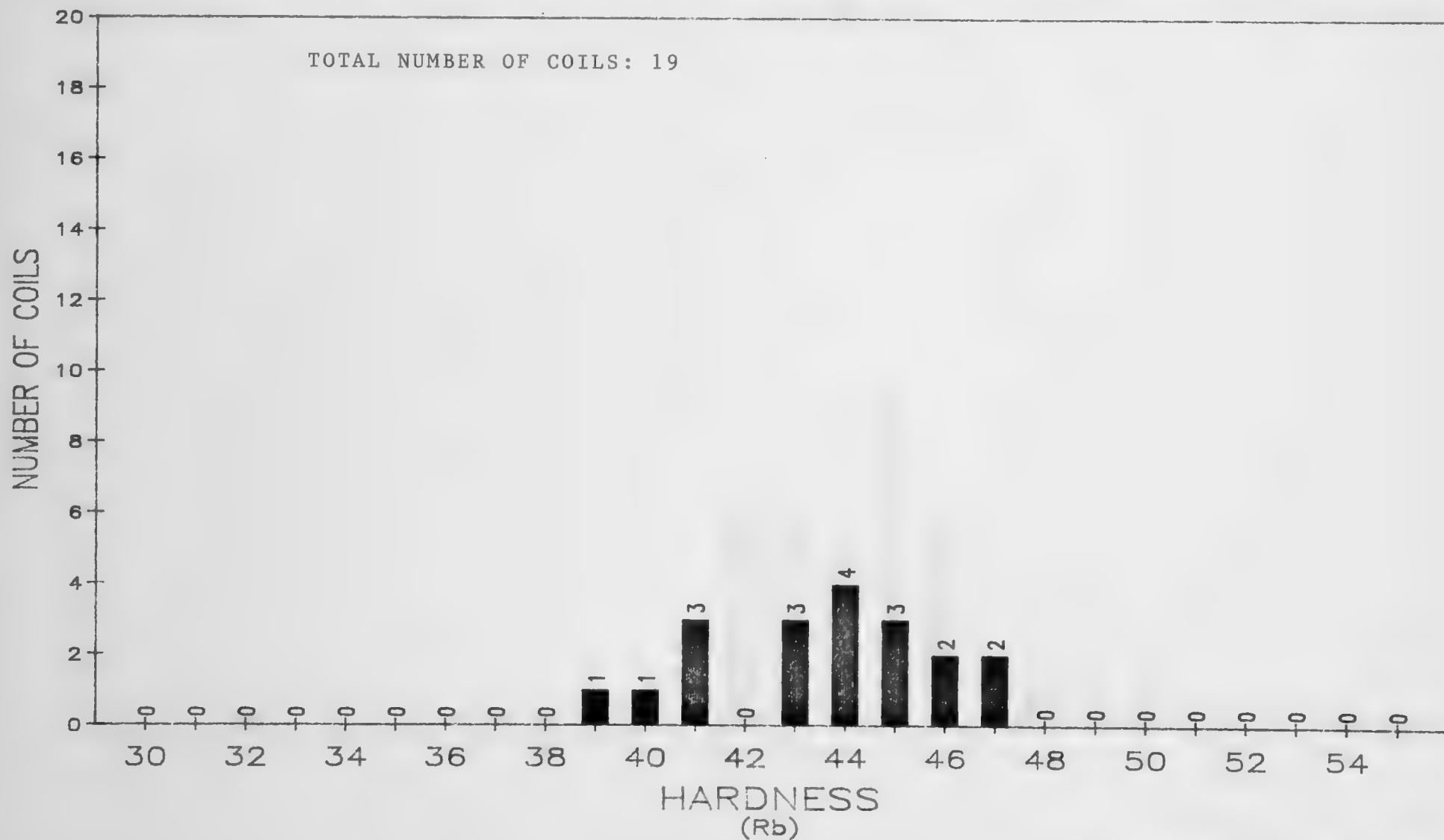
PART NO: 8935 000 439 SIZE: .032 X 65 X COIL GRADE: CRODQAKU



# REAR FLOOR PAN HISTOGRAM

## ROCKWELL HARDNESS (Rb)

U.S. STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 439 SIZE: .032 X 65 X COIL GRADE: CRODQAKU



# BODYSIDE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 454    SIZE: .030 X 50.6 X COIL    GRADE: CRODQAKE OSG

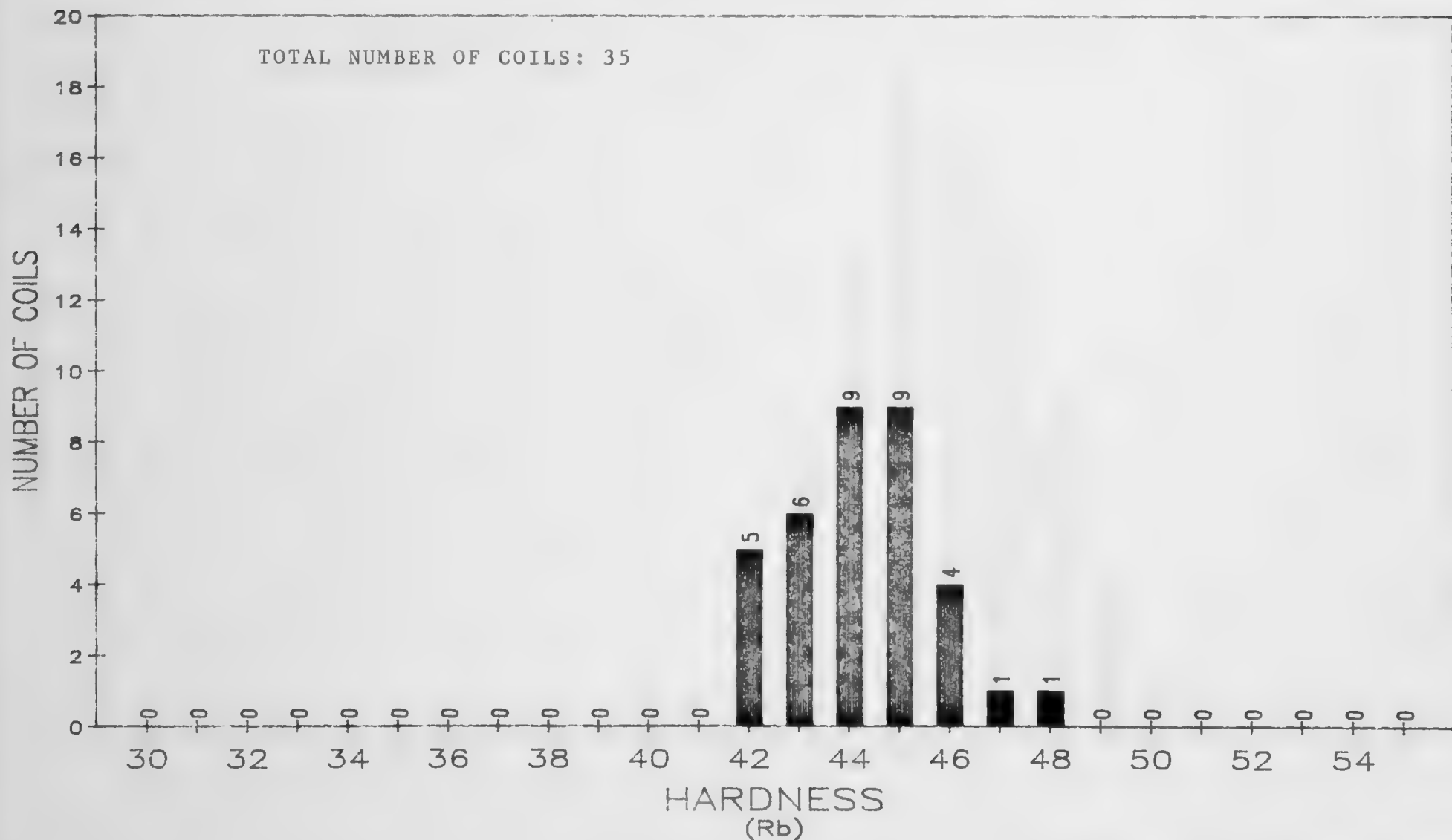




# BODYSIDE OUTER HISTOGRAM ROCKWELL HARDNESS (Rb)

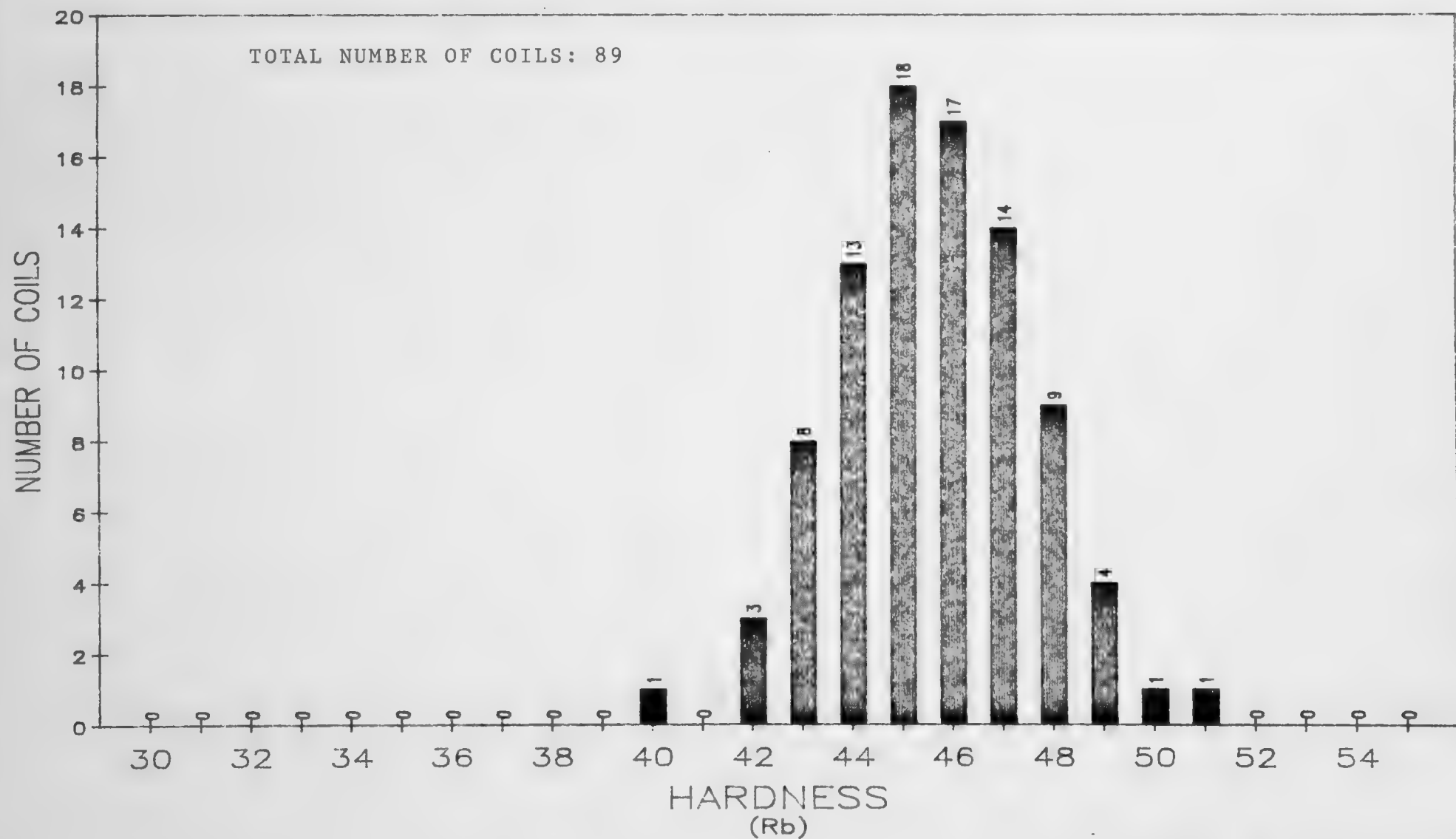
U.S. STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 455 SIZE: .030 X 50.6 X COIL GRADE: CRODQAKE OSG



# HOOD INNER HISTOGRAM ROCKWELL HARDNESS (Rb)

CENTURY STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG

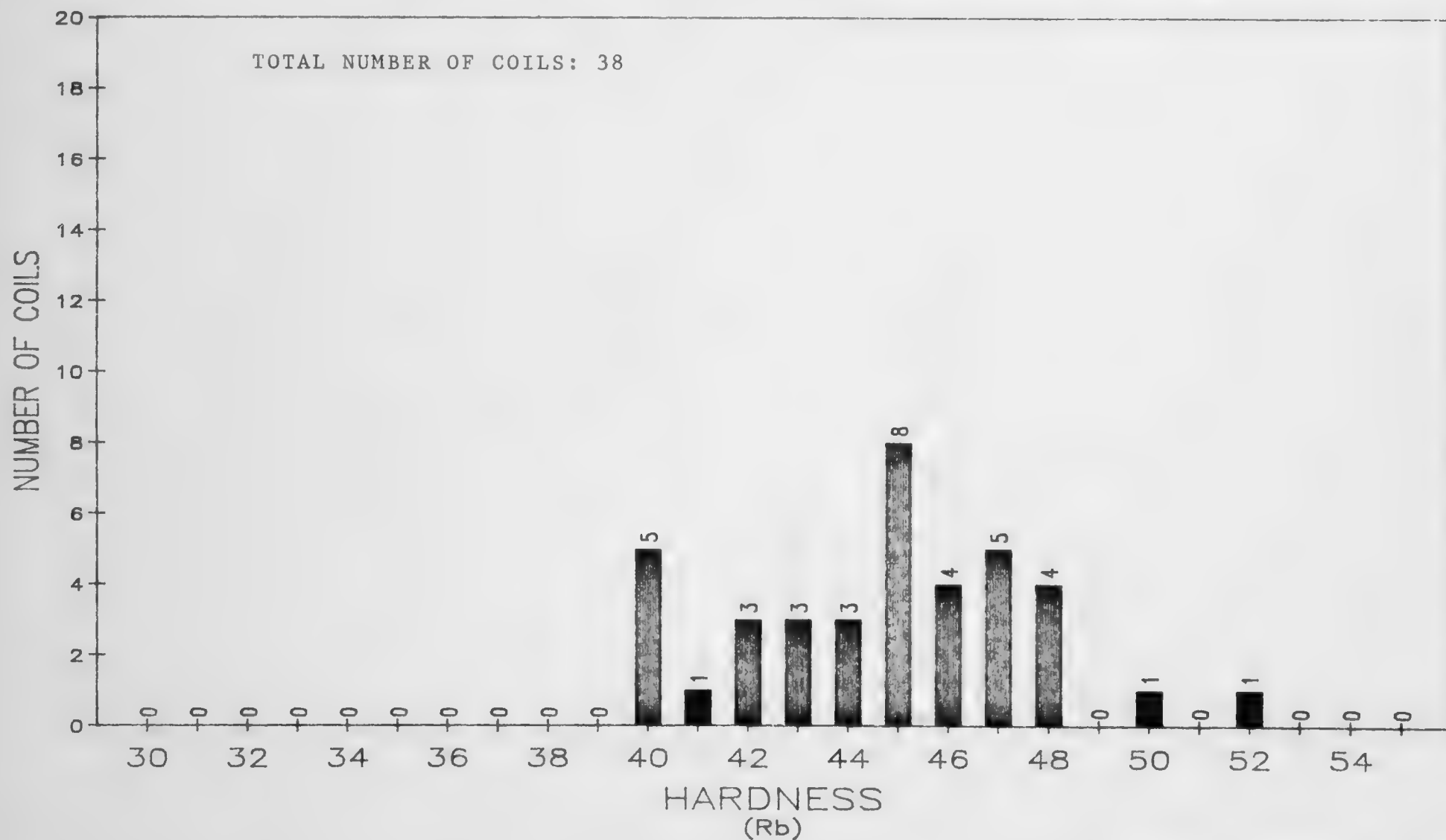


# HOOD INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

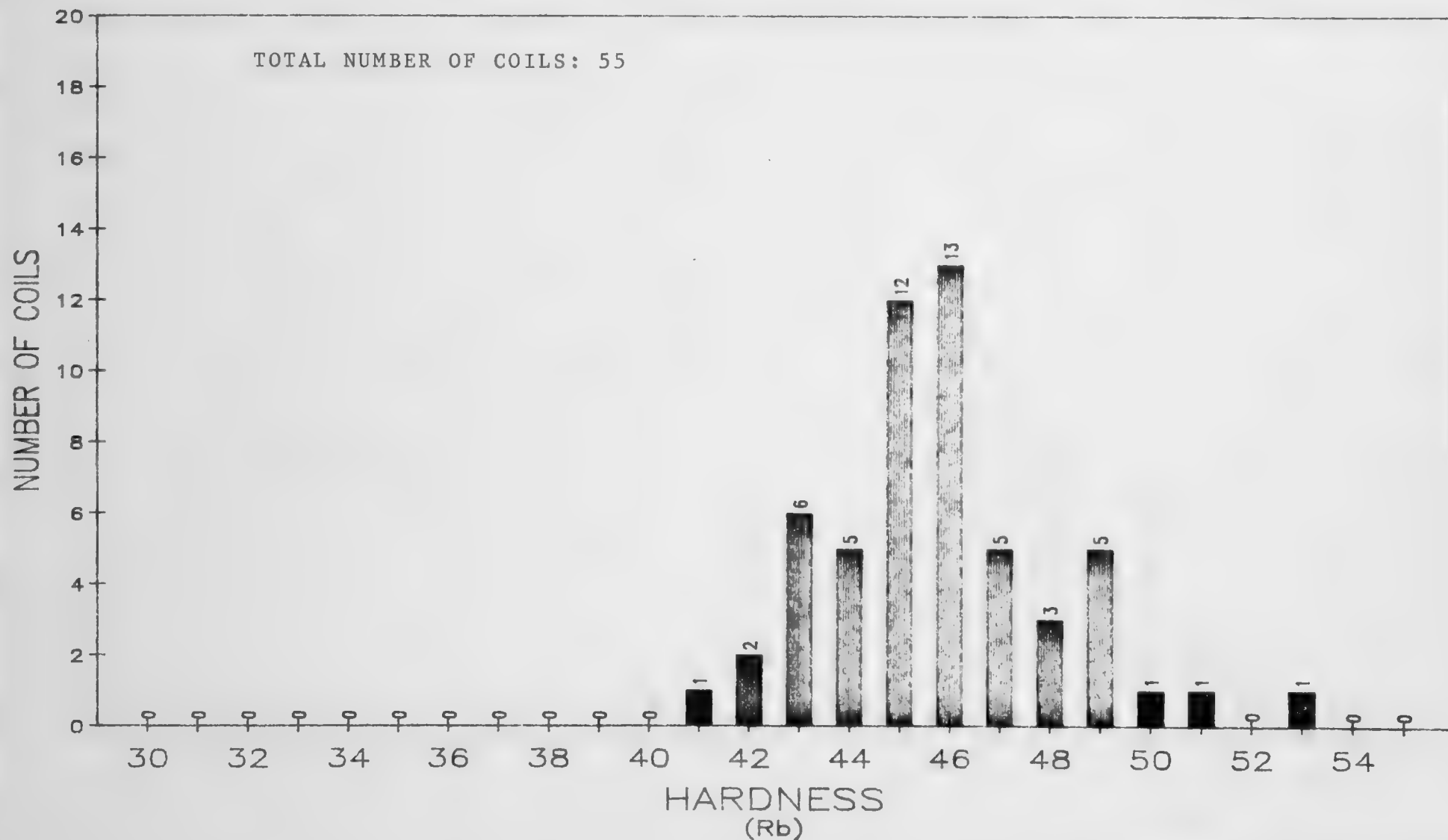
MC STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 009 918 SIZE: .022 X 48.82 X COIL GRADE: CRODQAKU OSG



# HOOD INNER HISTOGRAM ROCKWELL HARDNESS (Rb)

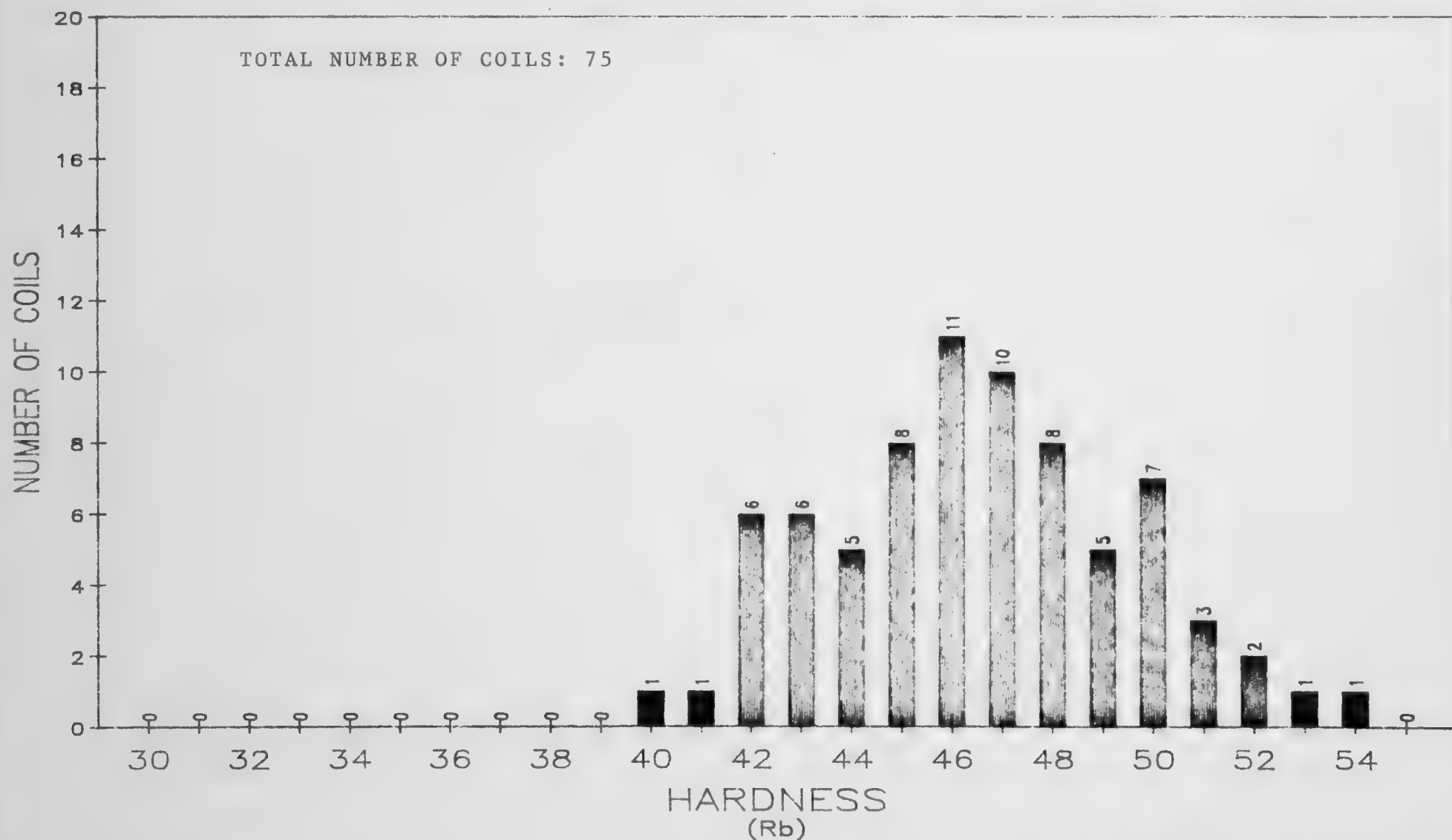
KENWALL STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG



# HOOD INNER HISTOGRAM

## ROCKWELL HARDNESS (Rb)

NATIONAL MATERIAL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU GALV.



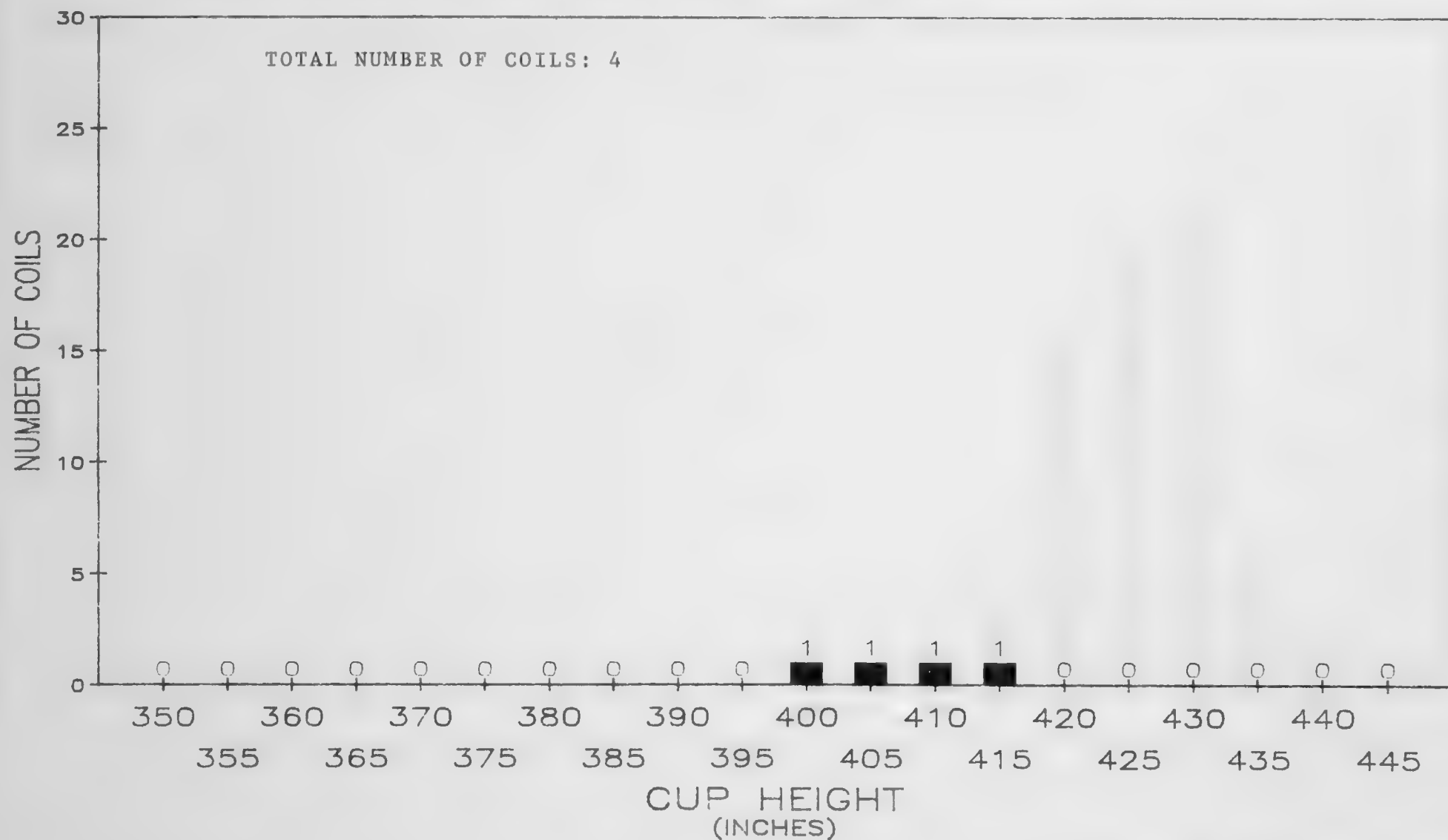


# BODYSIDE OUTER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985

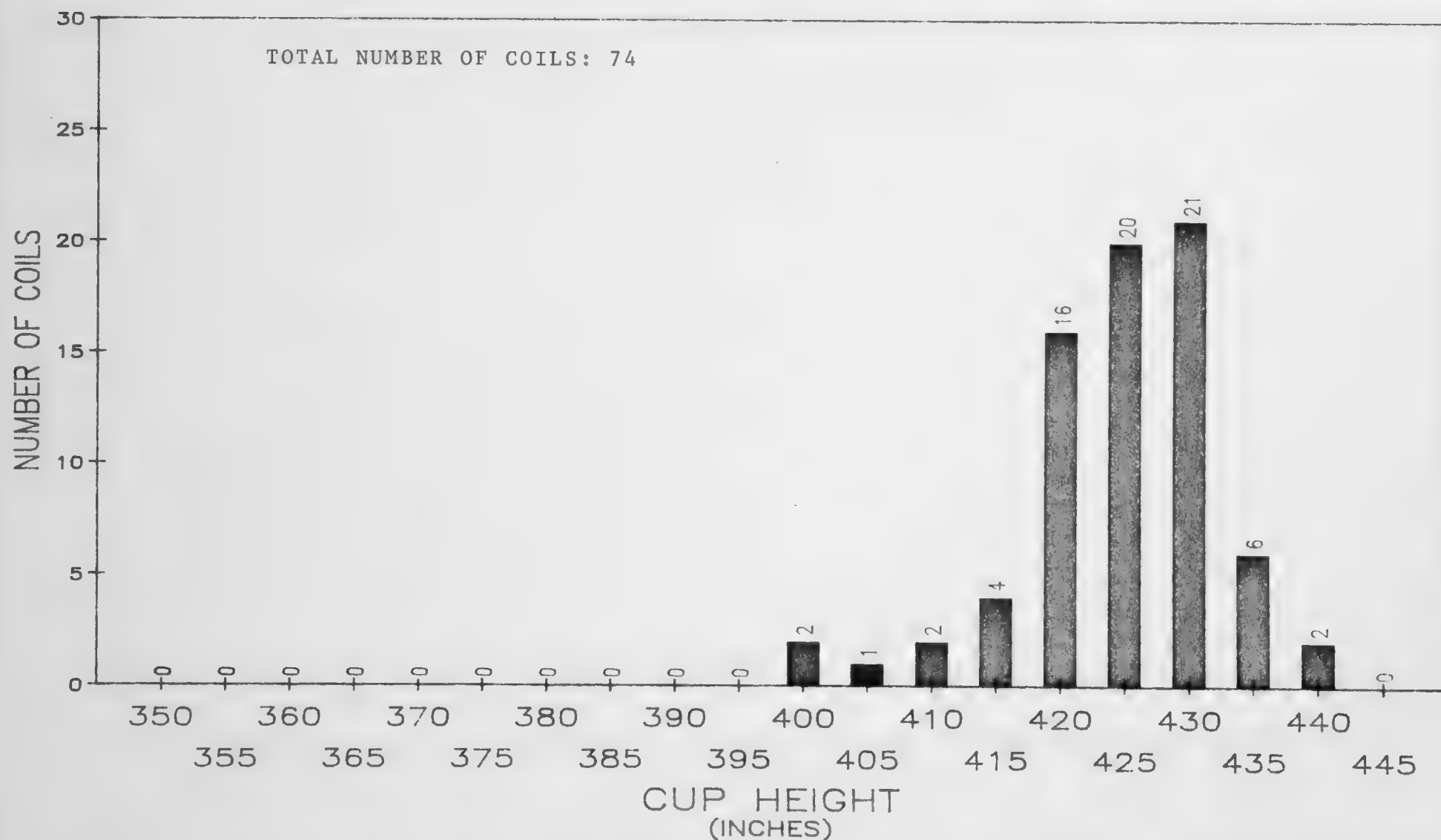
PART NO: 8935 000 092 SIZE: .030 X 65.5 X COIL GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM

## OLSEN CUP HEIGHT

U.S. STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 092 SIZE: .030 X 65.5 X COIL GRADE: CRODQAKE OSG

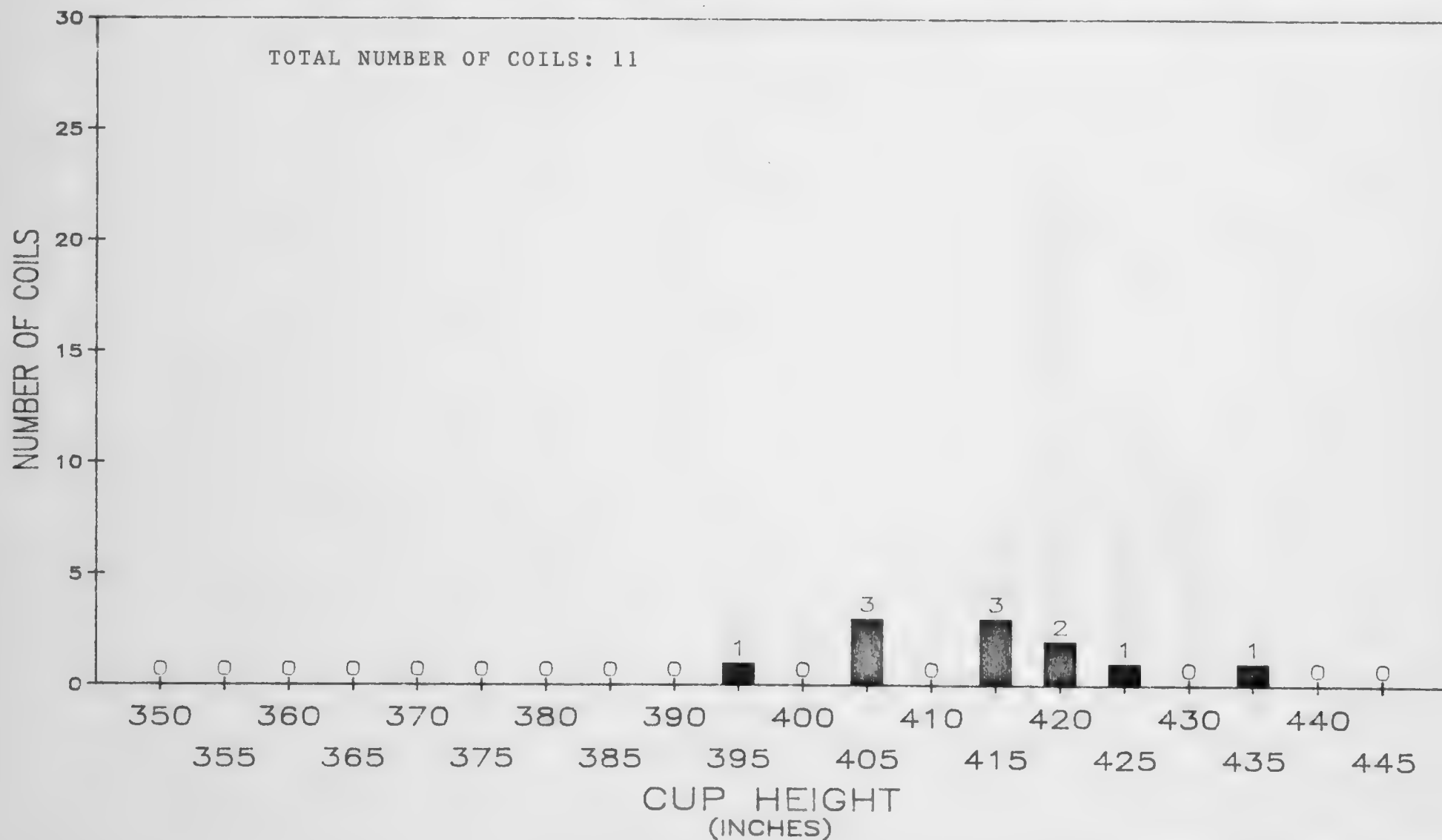




# BODYSIDE OUTER HISTOGRAM

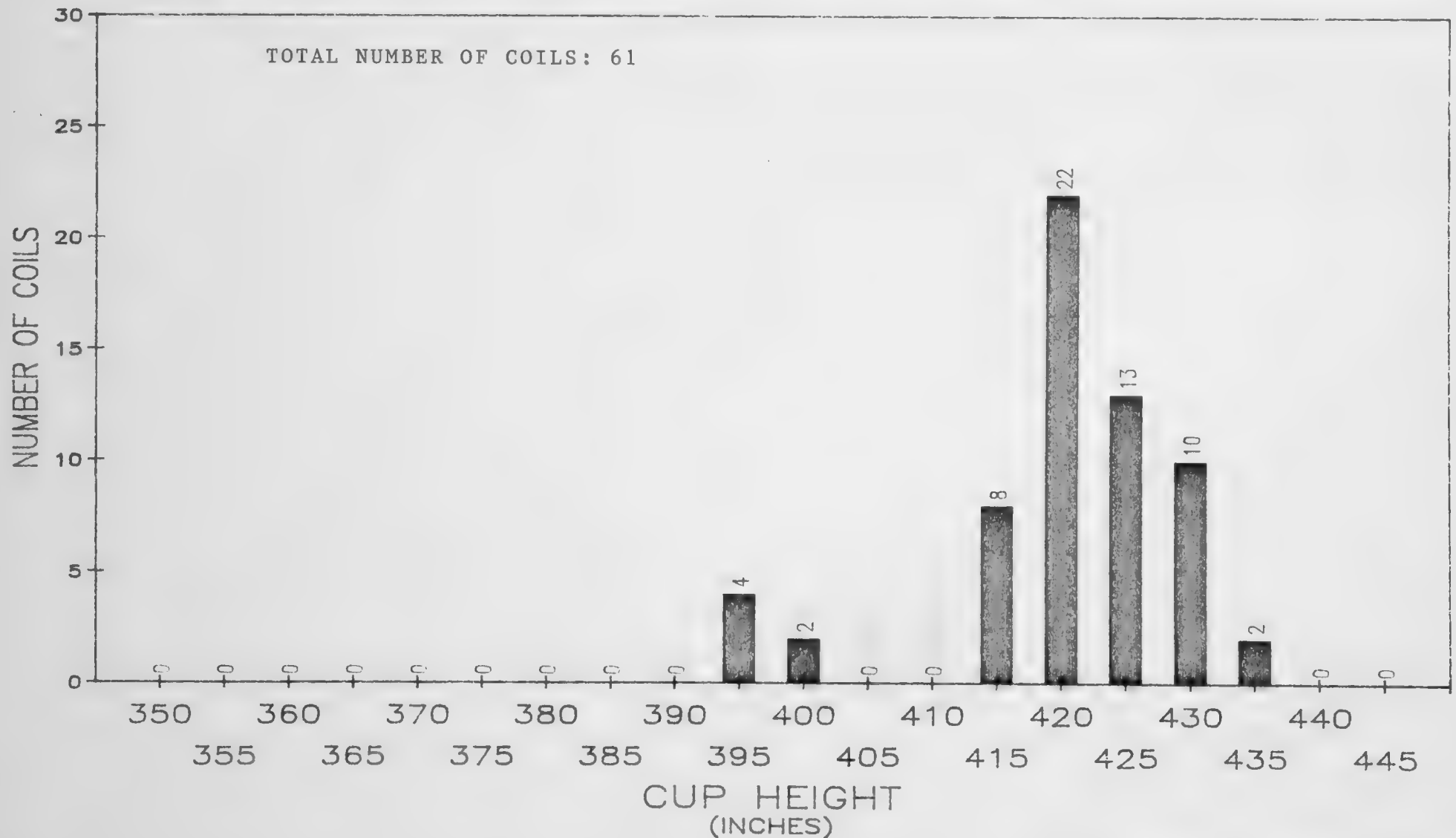
## OLSEN CUP HEIGHT

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 093    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM OLSEN CUP HEIGHT

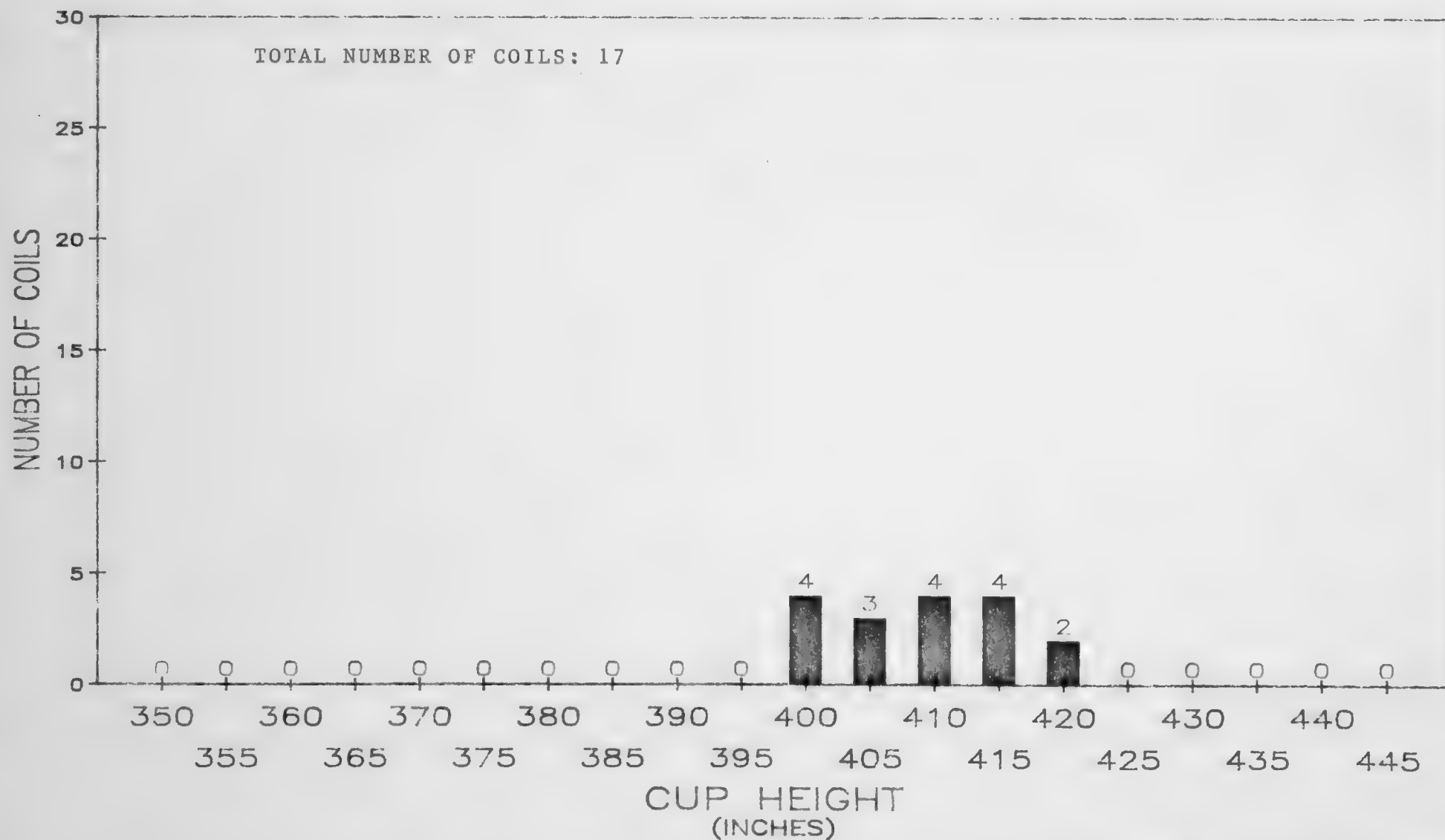
U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 093    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



# REAR WHEELHOUSE OUTER HISTOGRAM

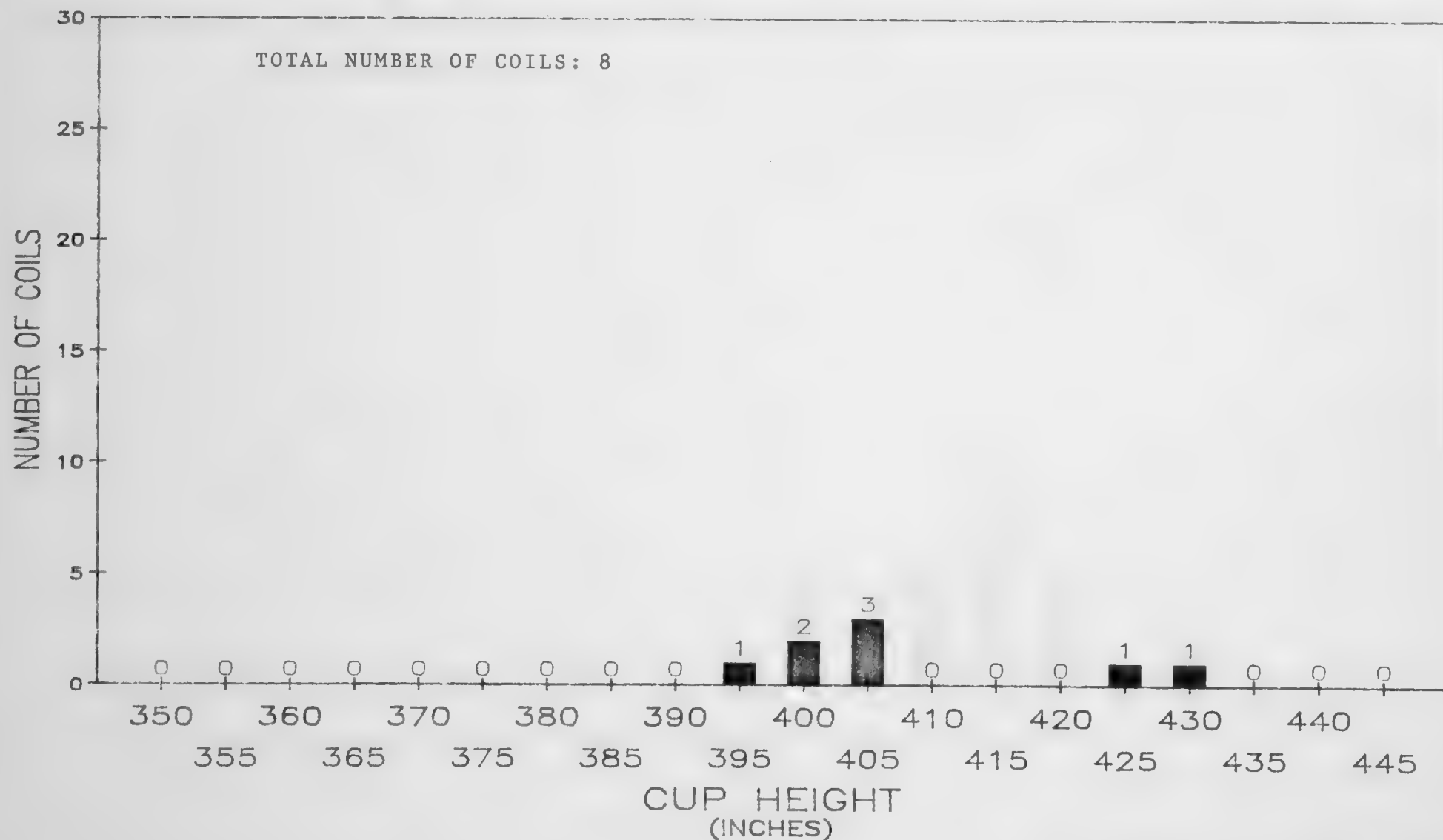
## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 106 SIZE: .026 X 27.25 X COIL GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM OLSEN CUP HEIGHT

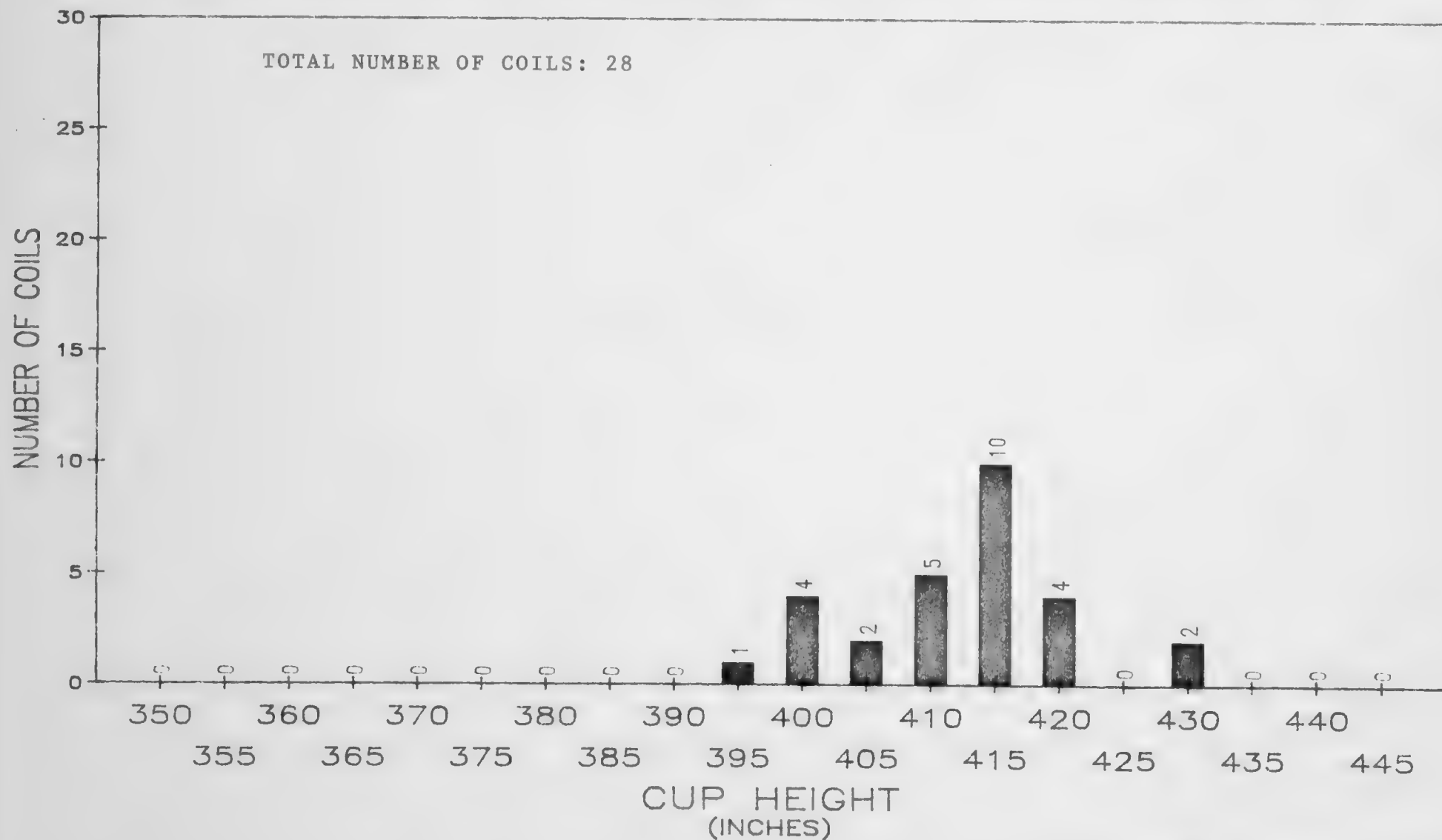
STEEL & WIRE      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 106    SIZE: .026 X 27.25 X COIL    GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM

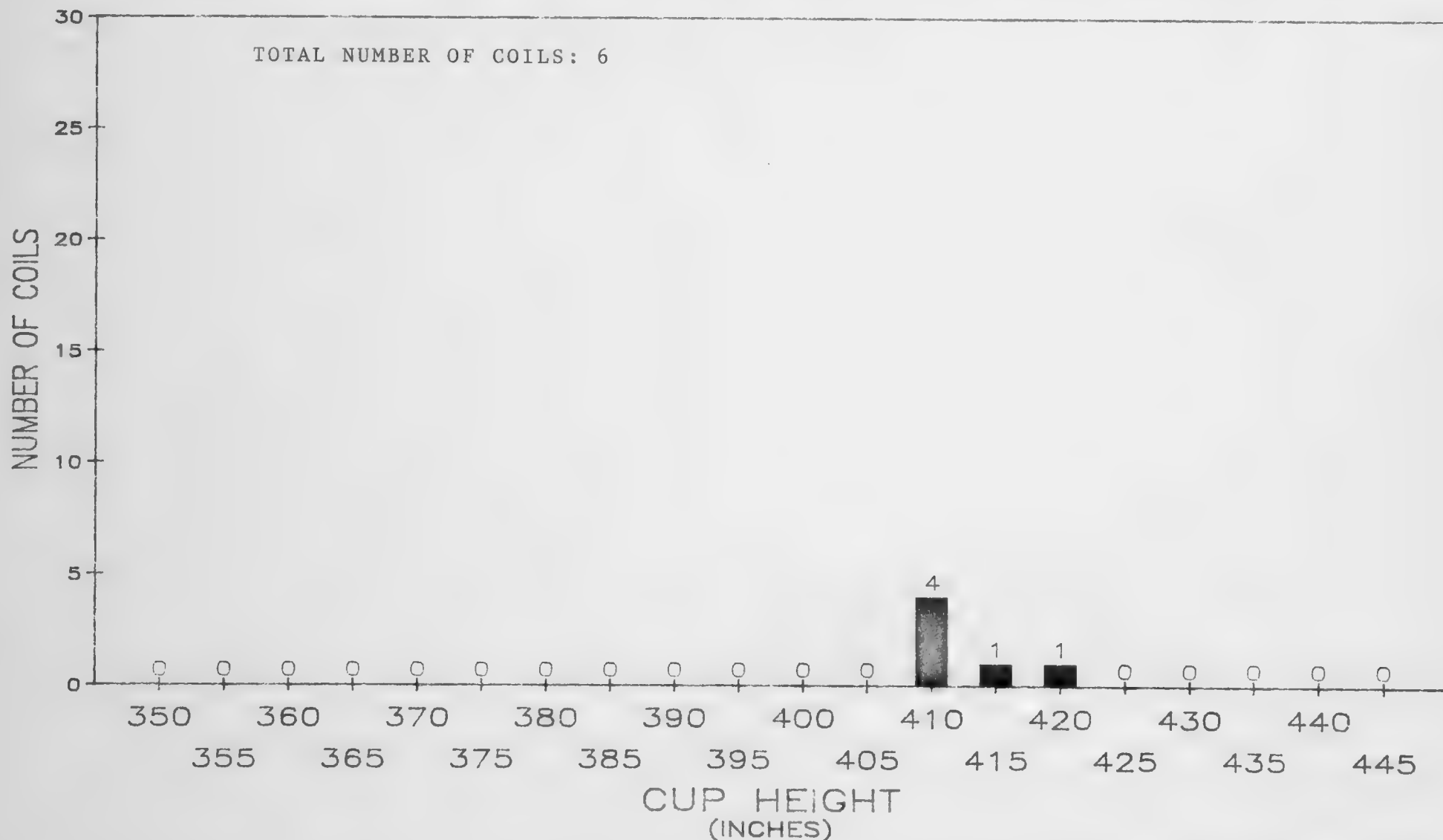
## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 107 SIZE: .026 X 28.25 X COIL GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM OLSEN CUP HEIGHT

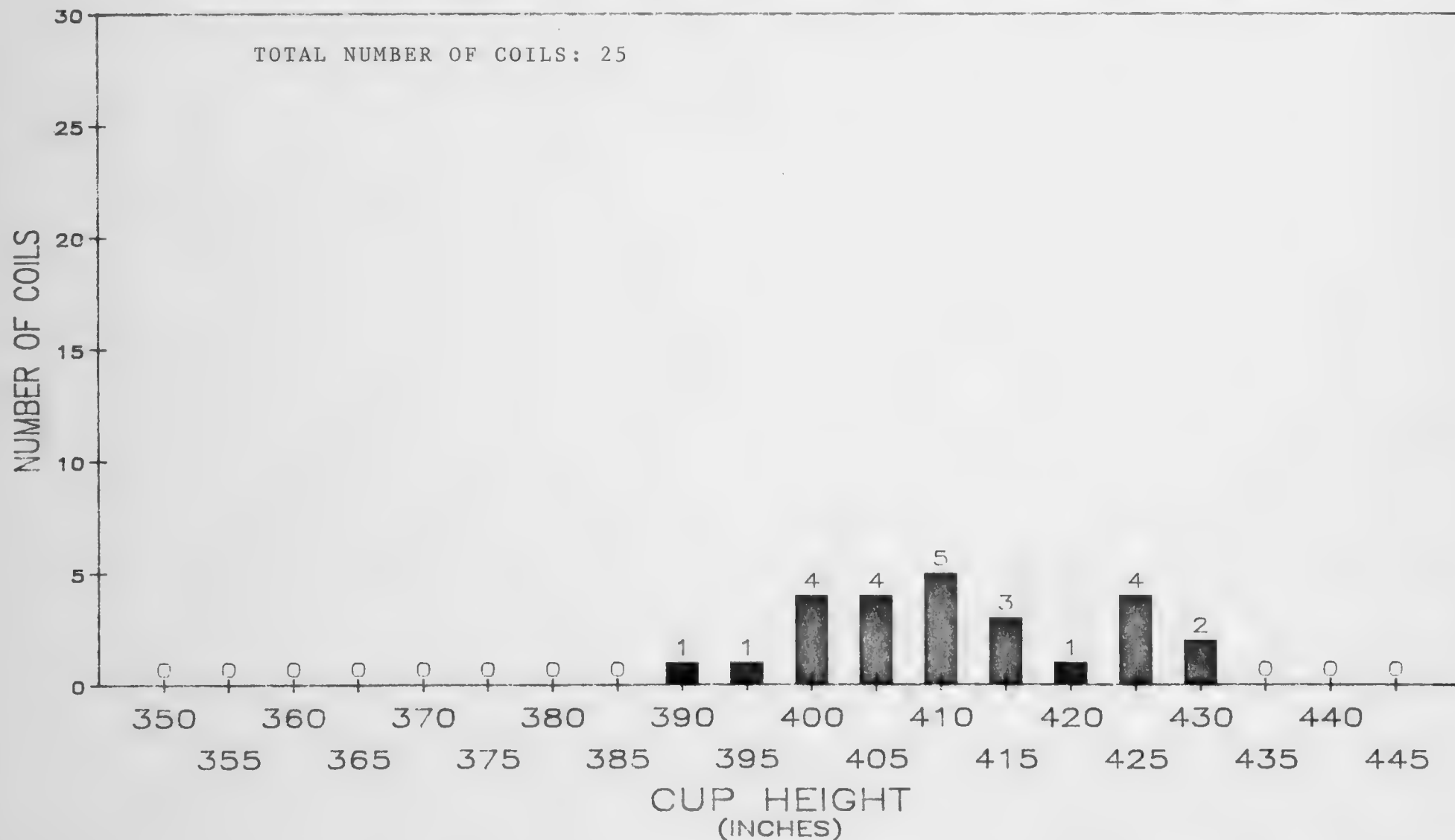
STEEL & WIRE      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 107    SIZE: .026 X 28.25 X COIL    GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 124 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU OSG

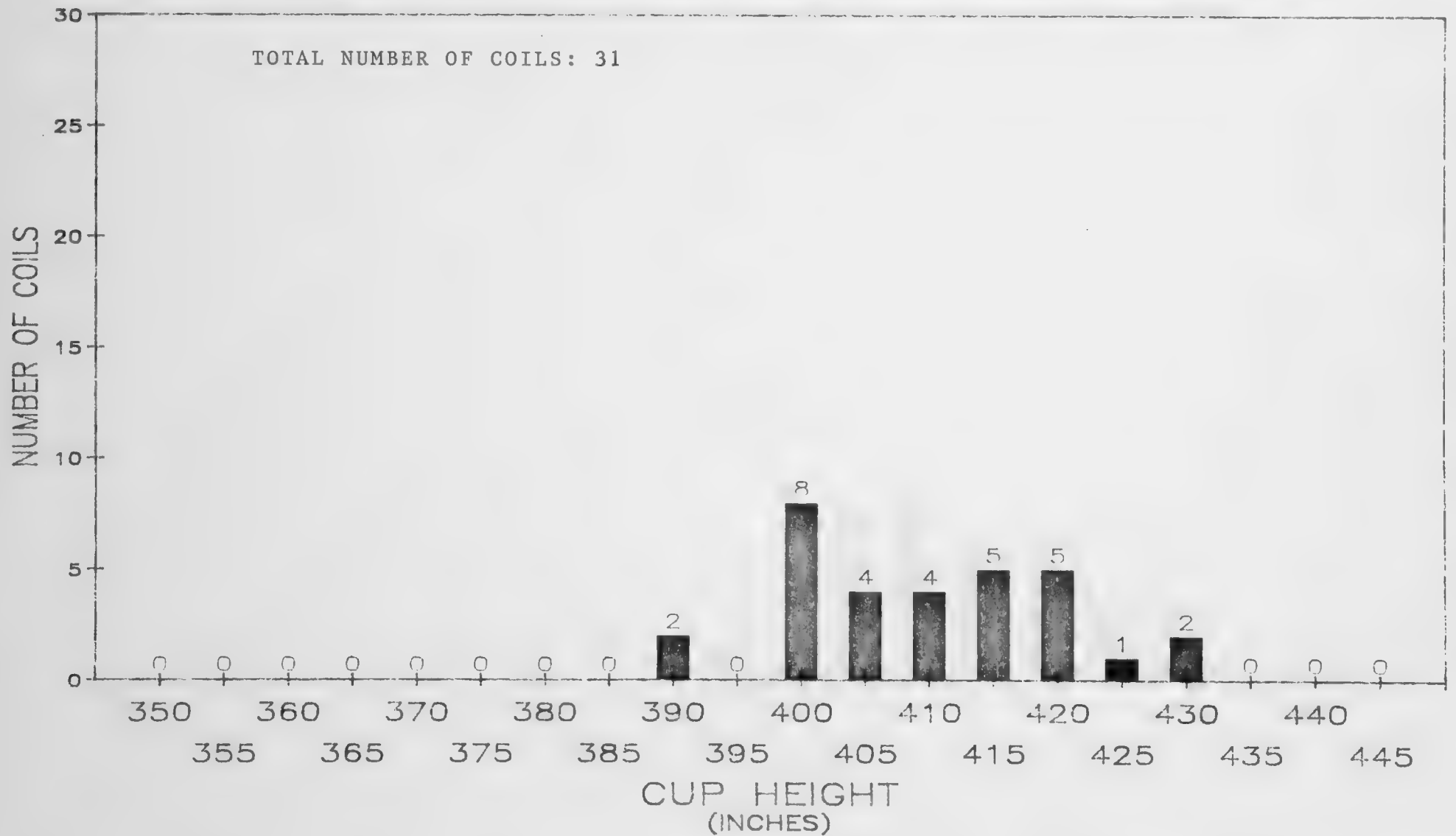


# FRONT DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 125 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU OSG



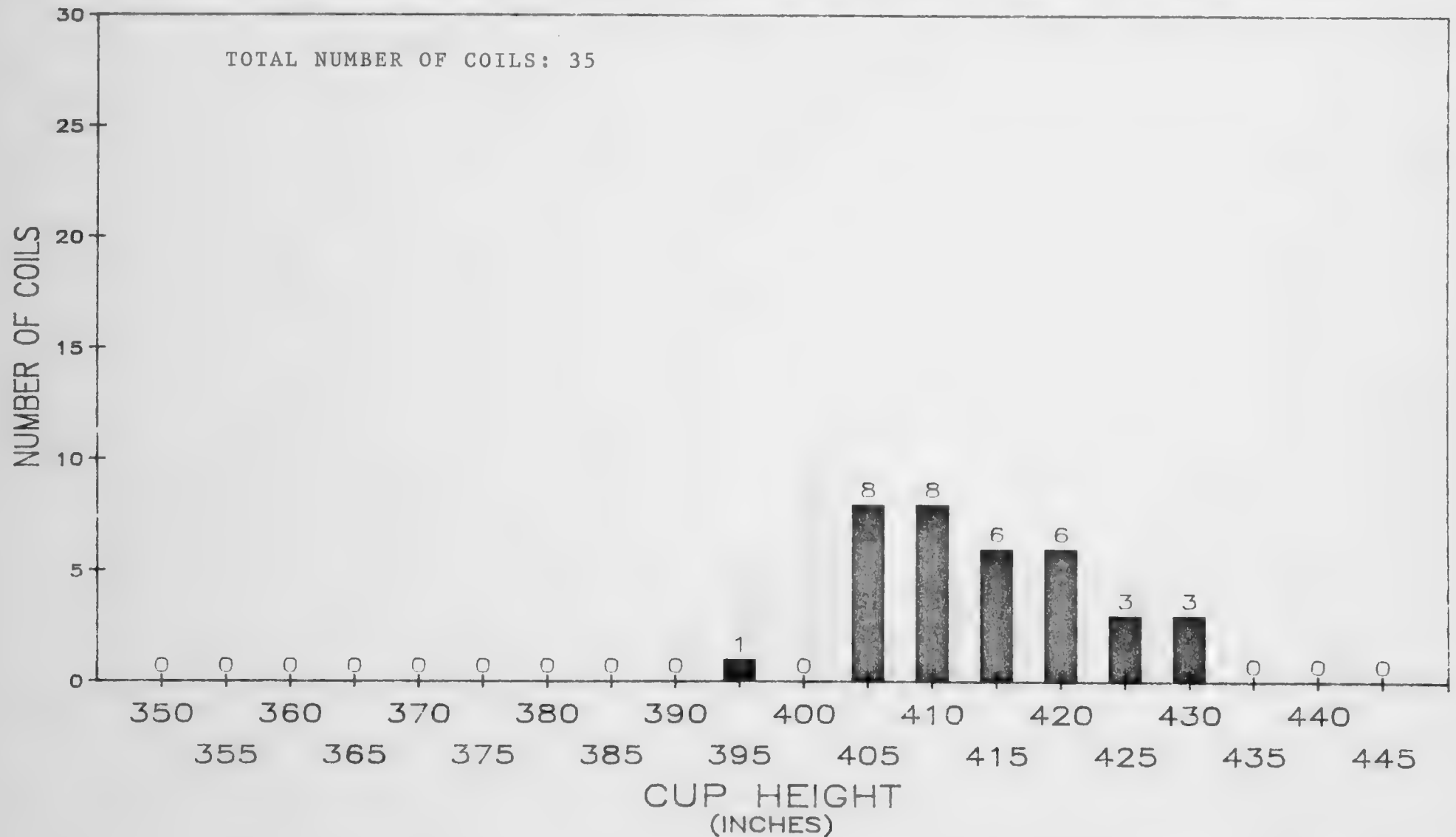


# FRONT DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985

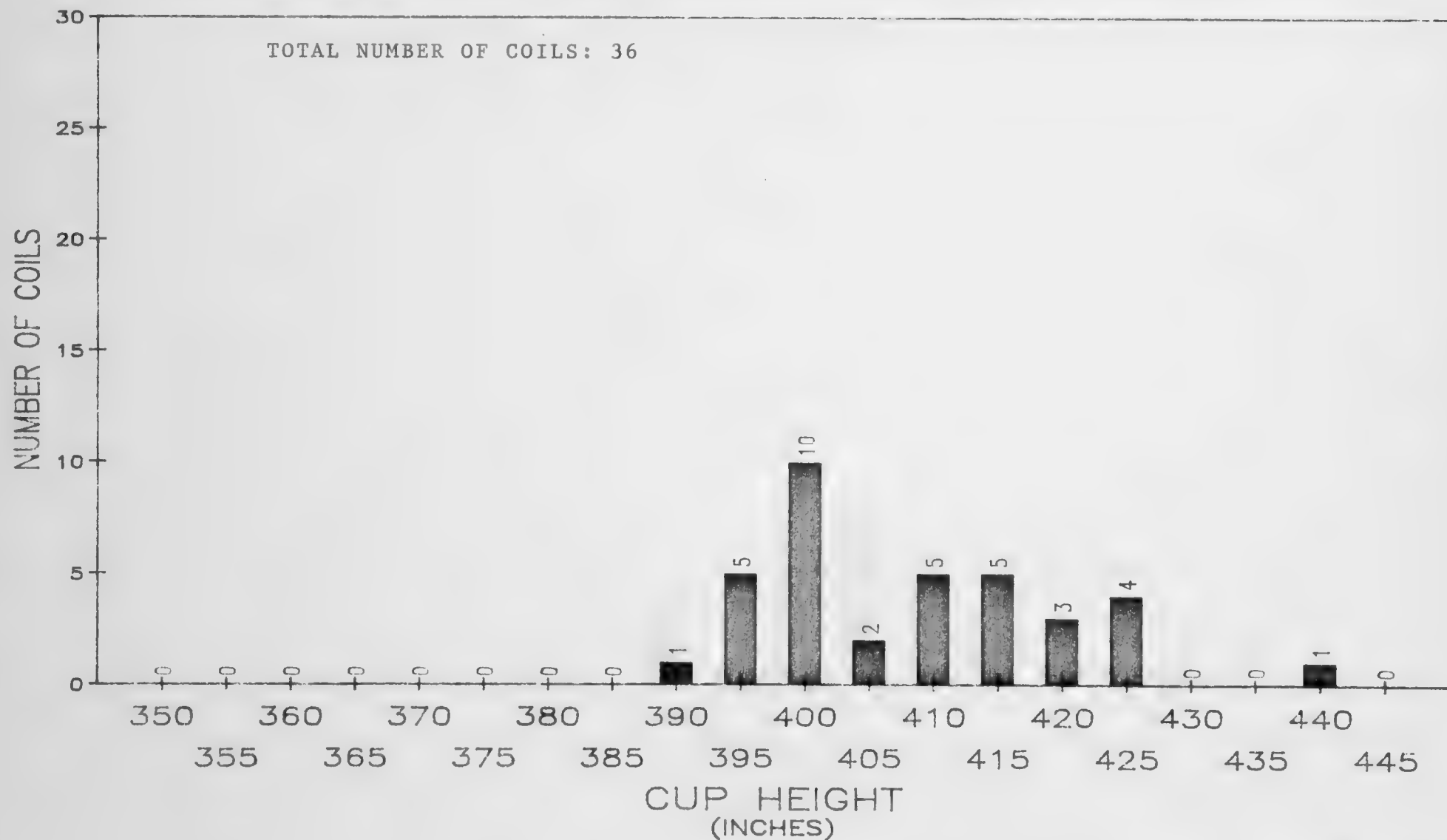
PART NO: 8935 000 124-5 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU GALV.



# REAR DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 136    SIZE: .026 X 45.3 X COIL    GRADE: CRODQAKU OSG

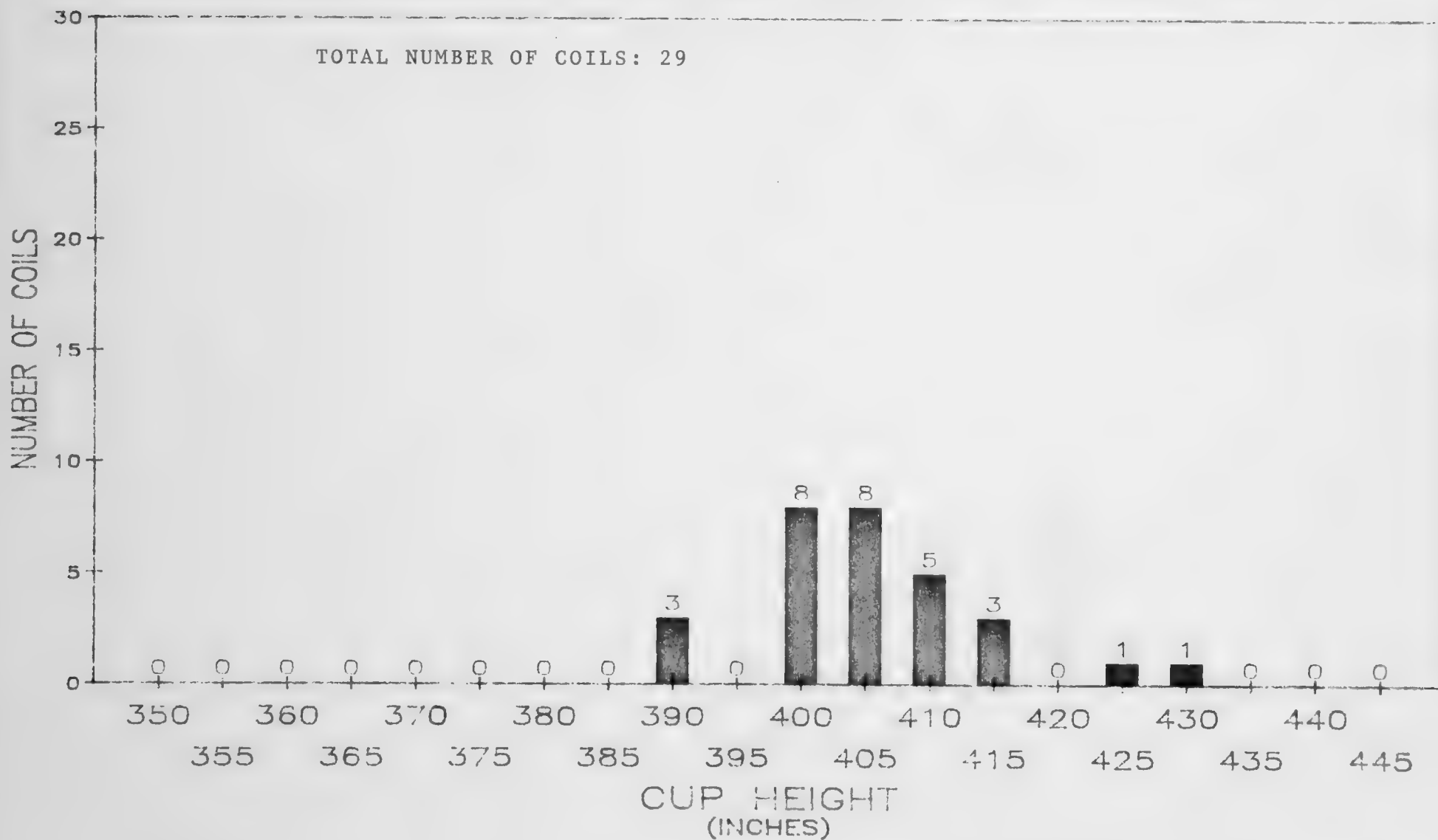


# REAR DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985

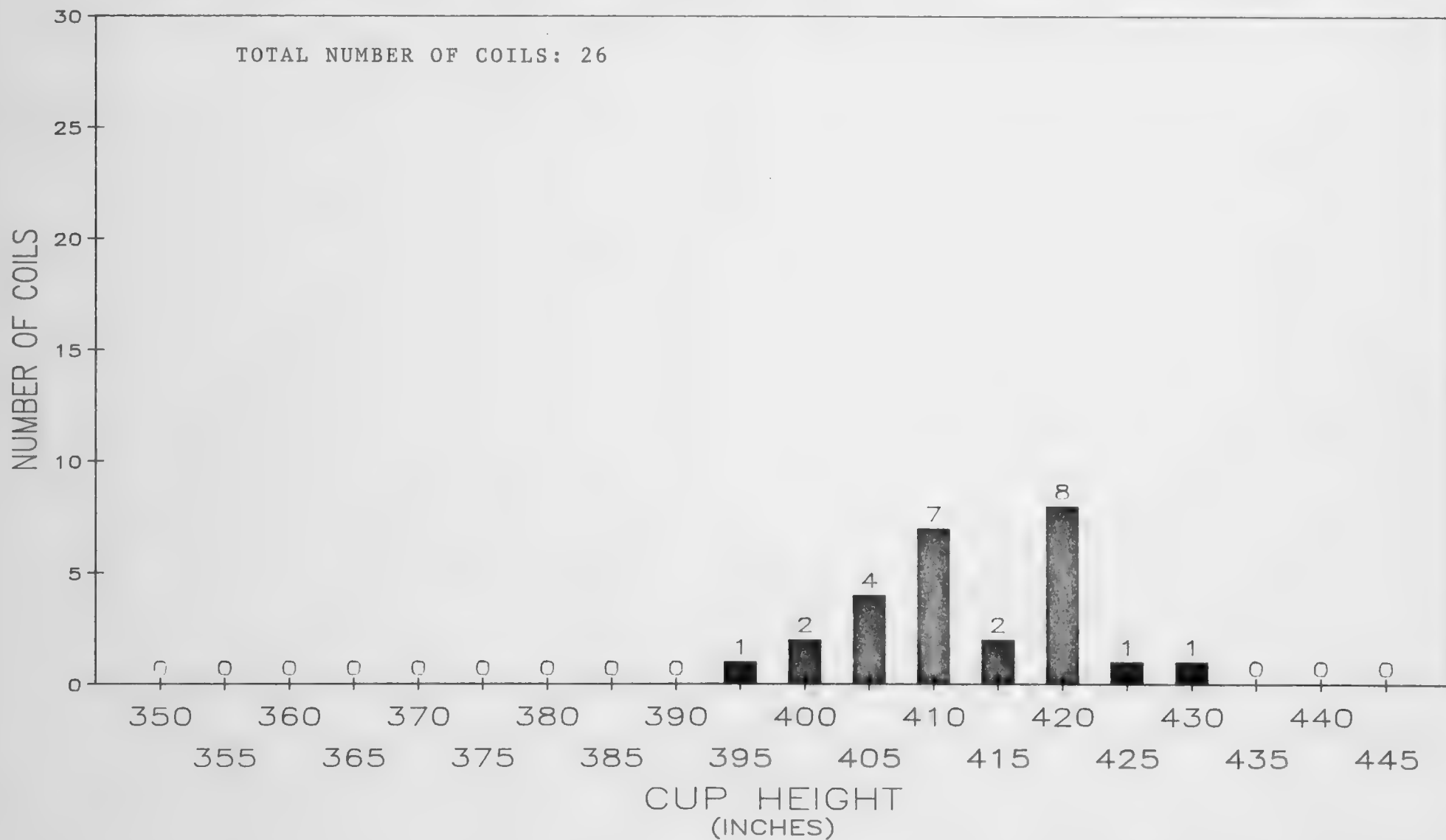
PART NO: 8935 000 137 SIZE: .026 X 45.3 GRADE: CRODQAKU OSG



# REAR DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

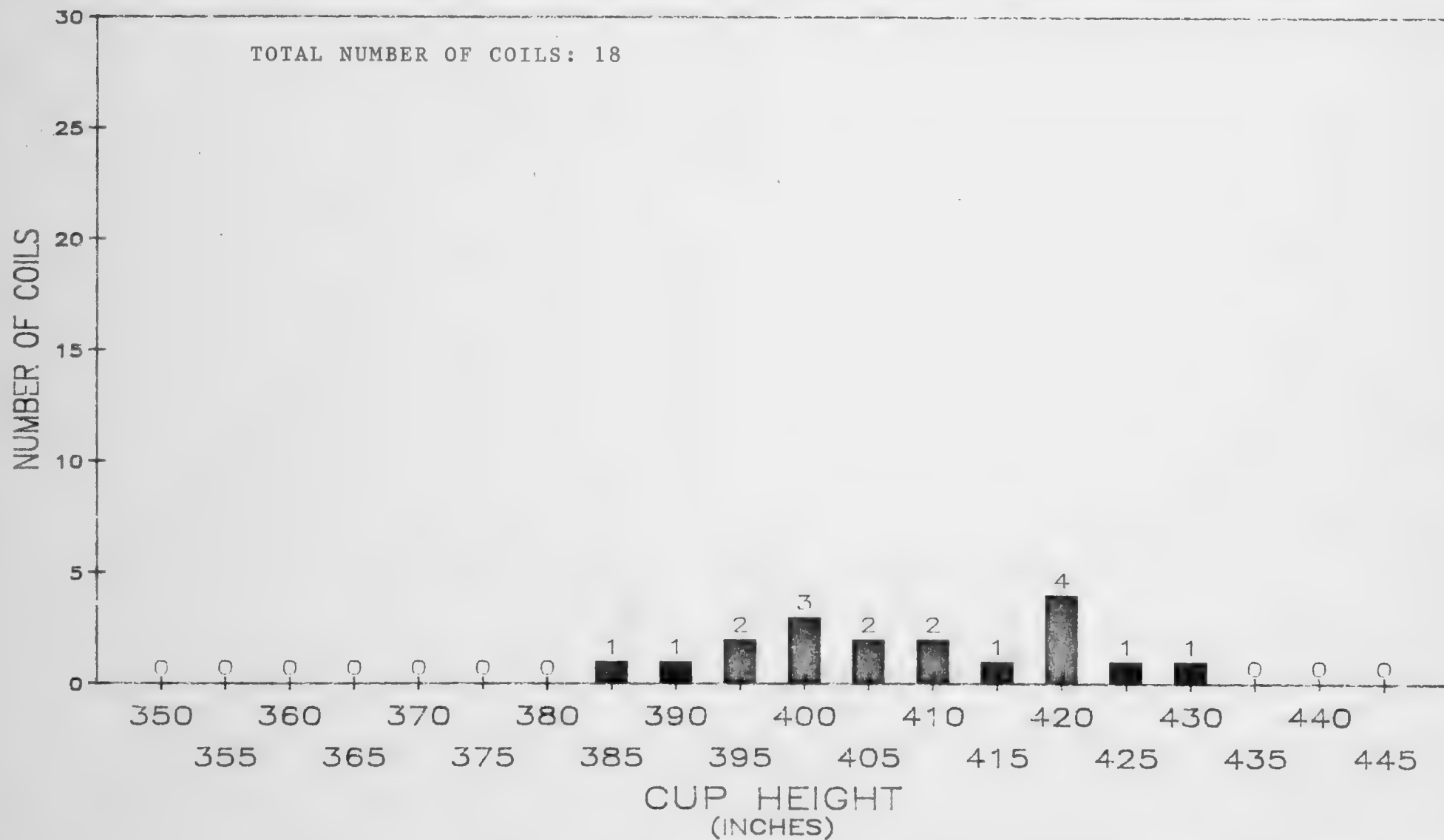
NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 136-7    SIZE: .026 X 45.3 X COIL    GRADE: CRODQAKU GALV.



# FRONT DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 400 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU OSG

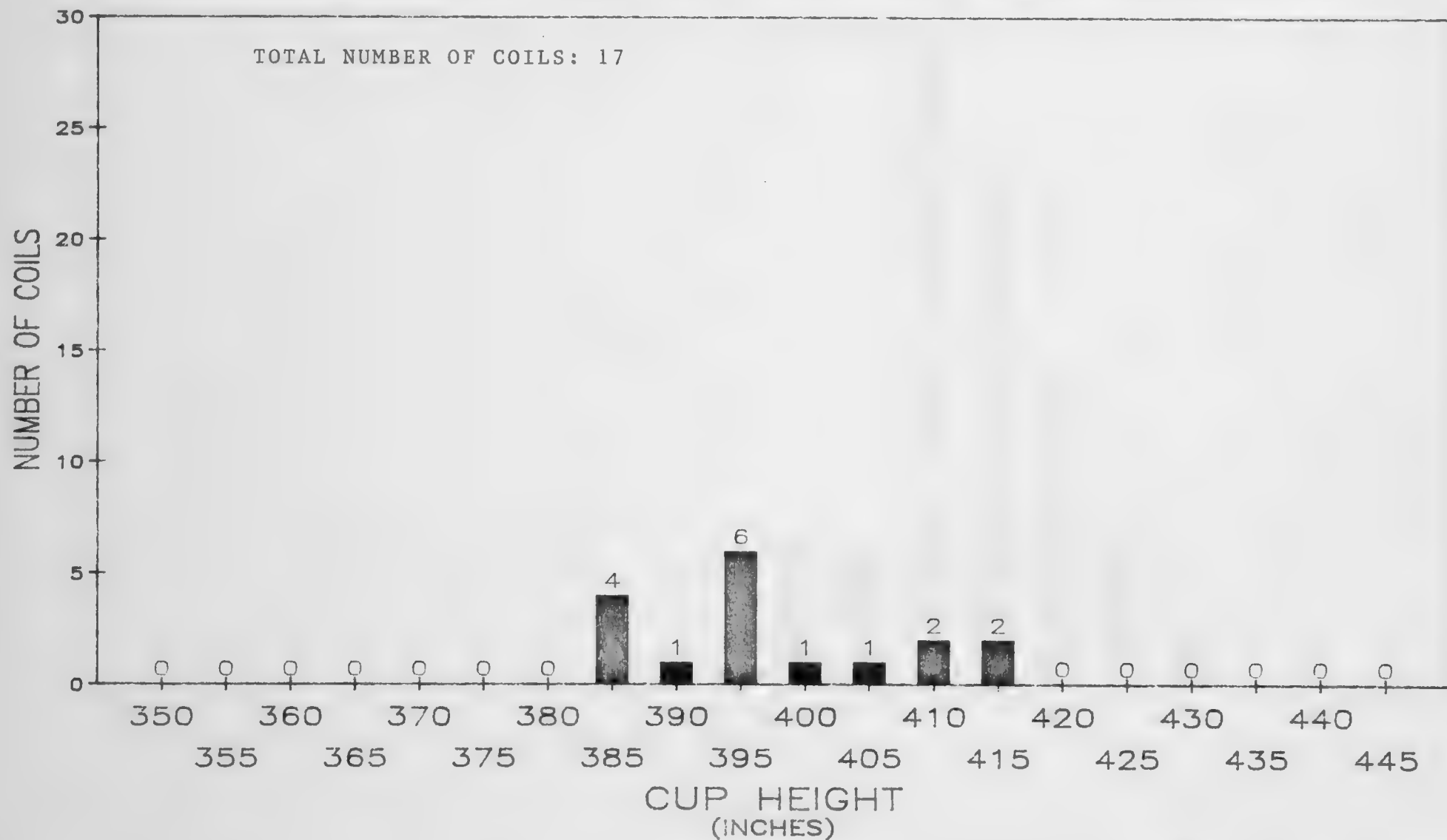


# FRONT DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 401 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU OSG

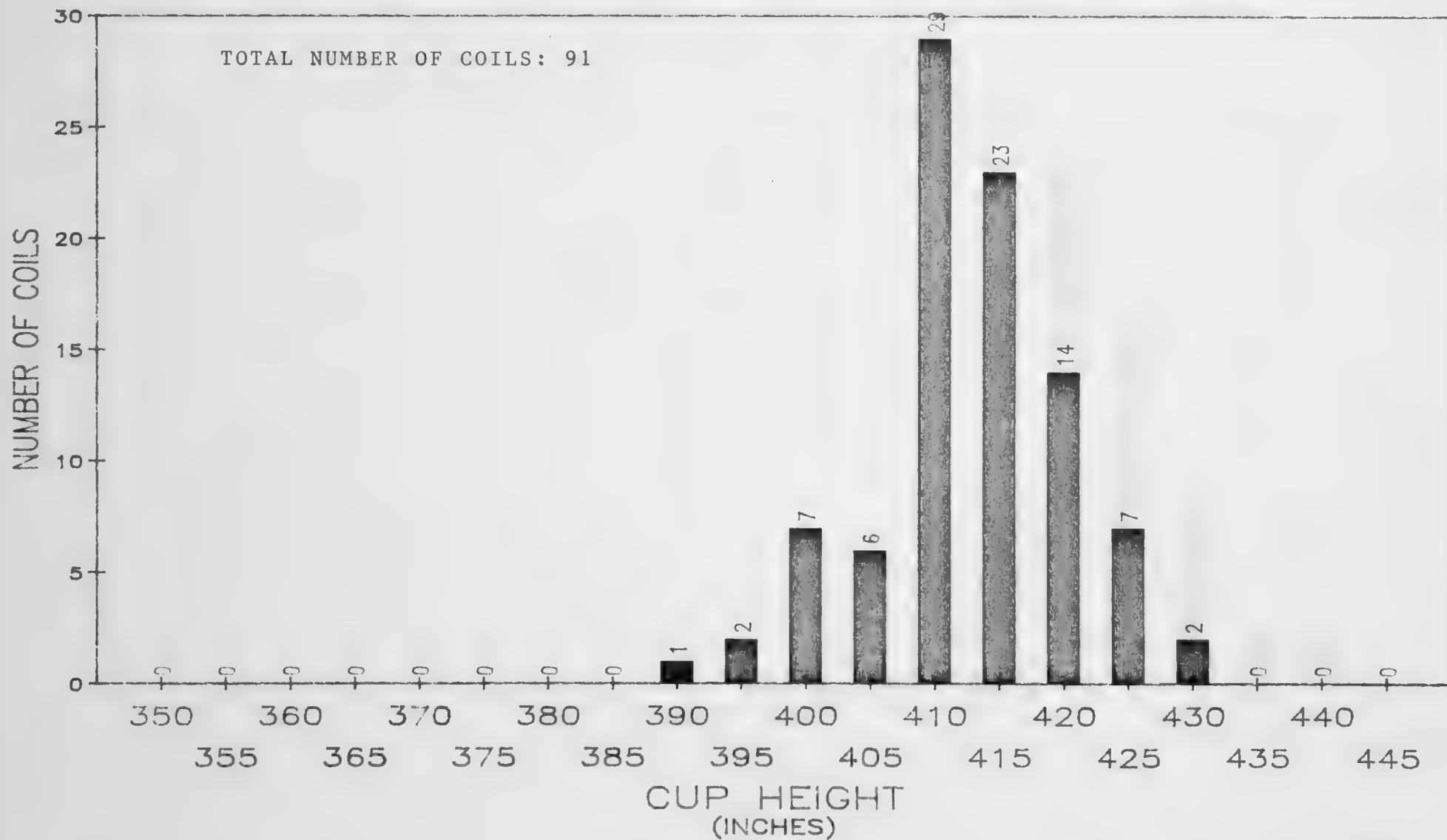


# FRONT DOOR INNER HISTOGRAM

## OLSEN CUP HEIGHT

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 400-1 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU GALV.

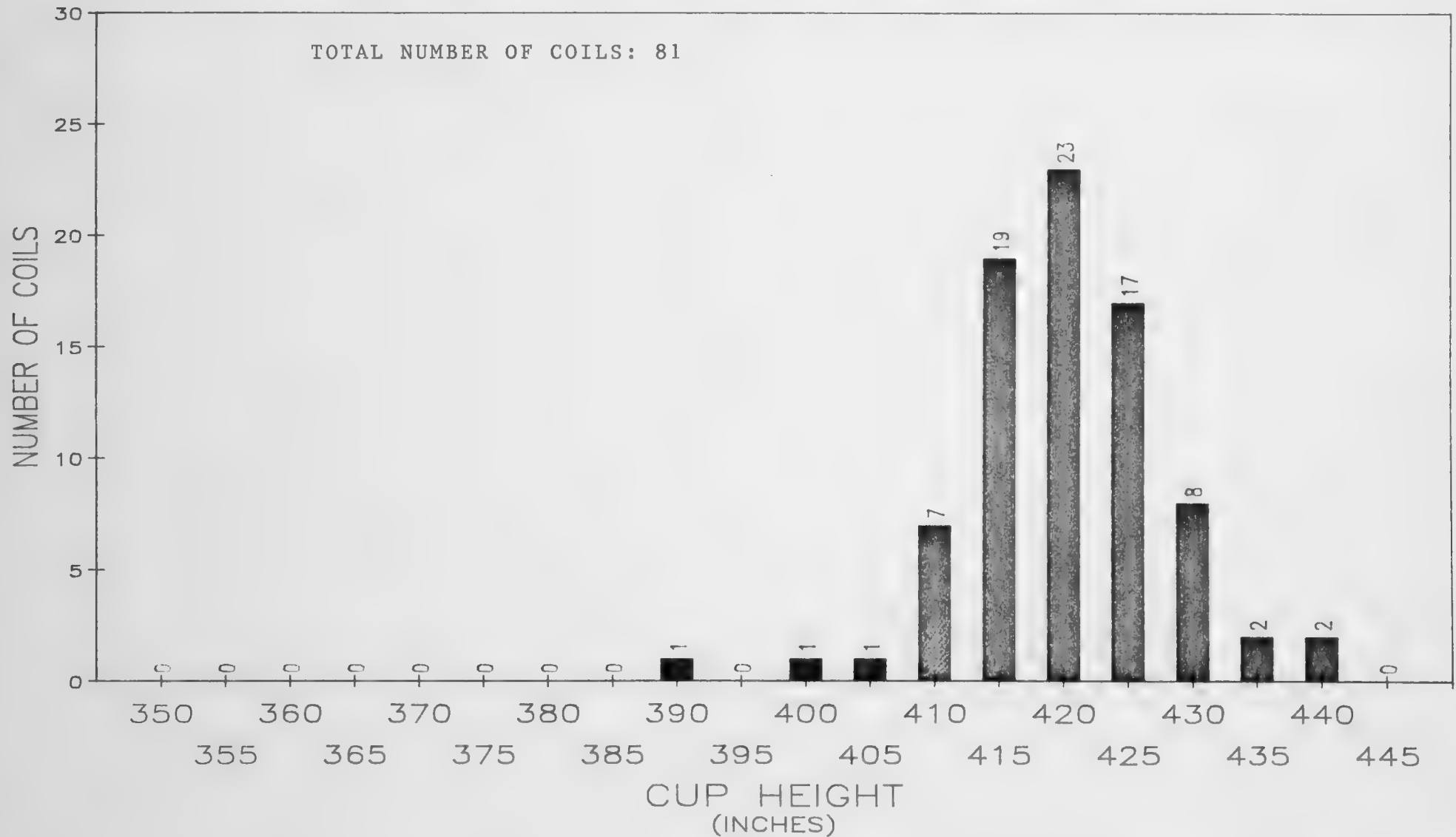


# REAR FLOOR PAN HISTOGRAM

## OLSEN CUP HEIGHT

LTV STEEL (J&L) JULY 1984 THRU JUNE 1985

PART NO: 8935 000 439 SIZE: .032 X 65 X COIL GRADE: CRODQAKU



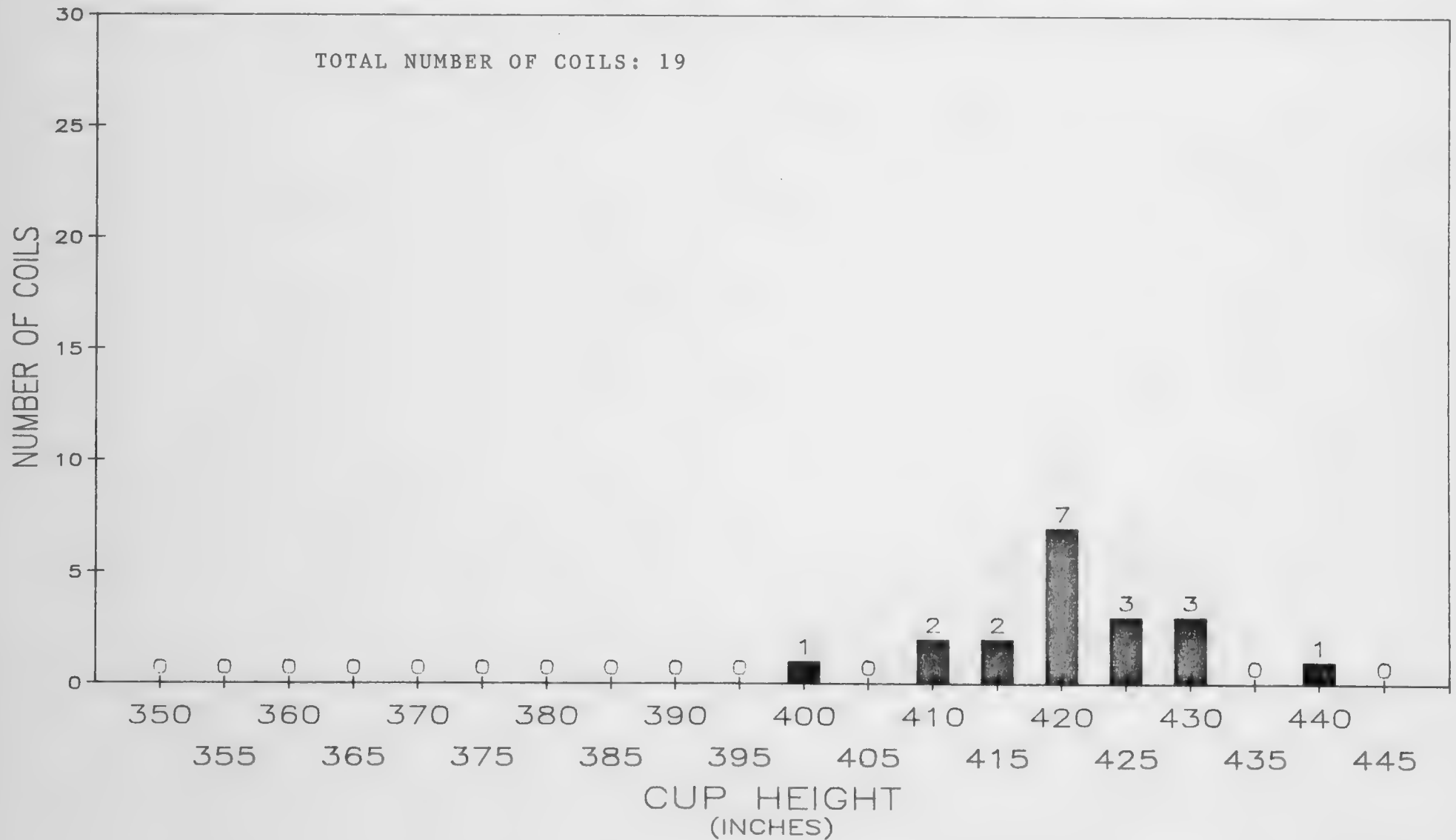


# REAR FLOOR PAN HISTOGRAM

## OLSEN CUP HEIGHT

U.S. STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 439 SIZE: .032 X 65 X COIL GRADE: CRODQAKU

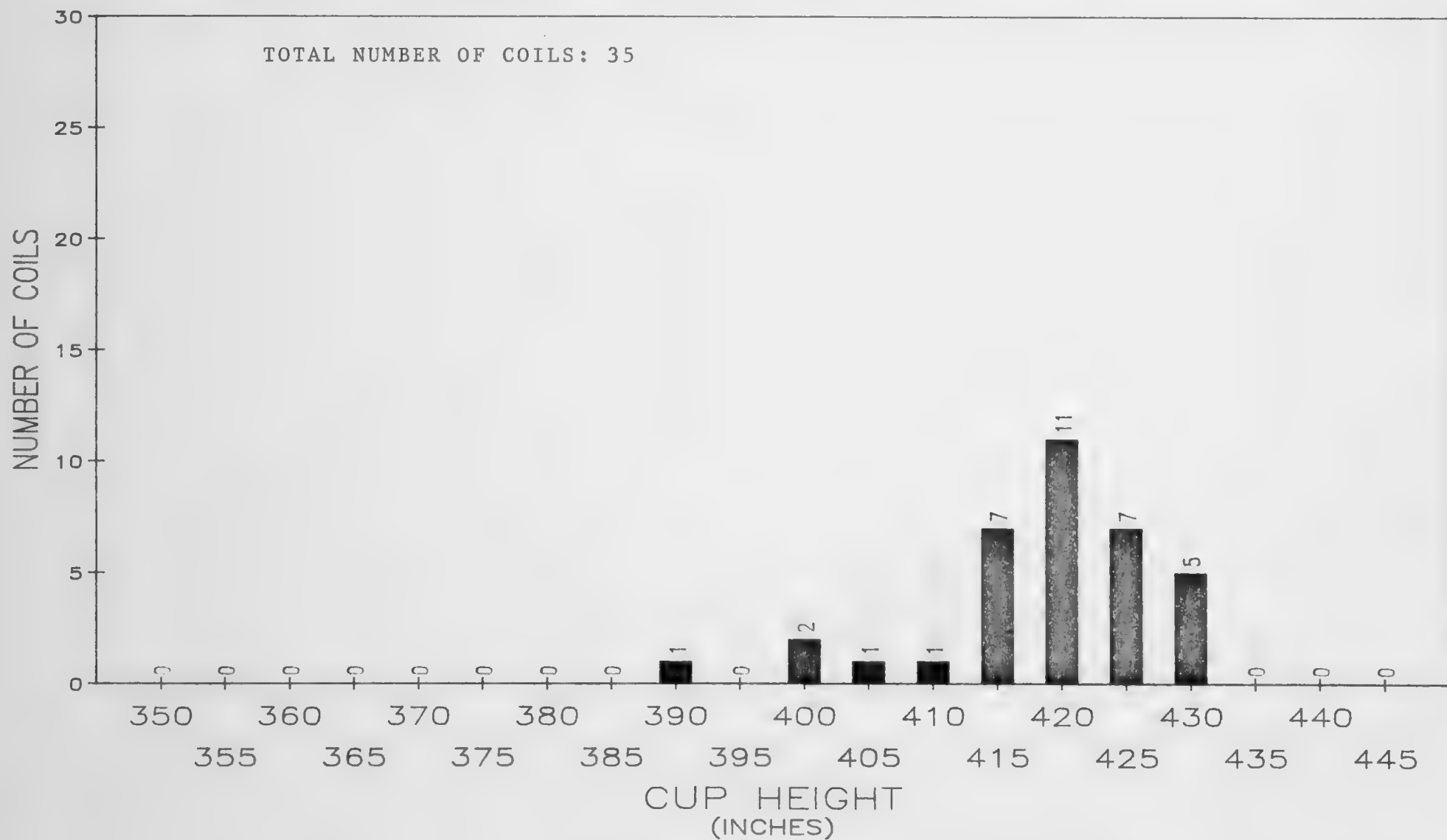
TOTAL NUMBER OF COILS: 19



# BODYSIDE OUTER HISTOGRAM

## OLSEN CUP HEIGHT

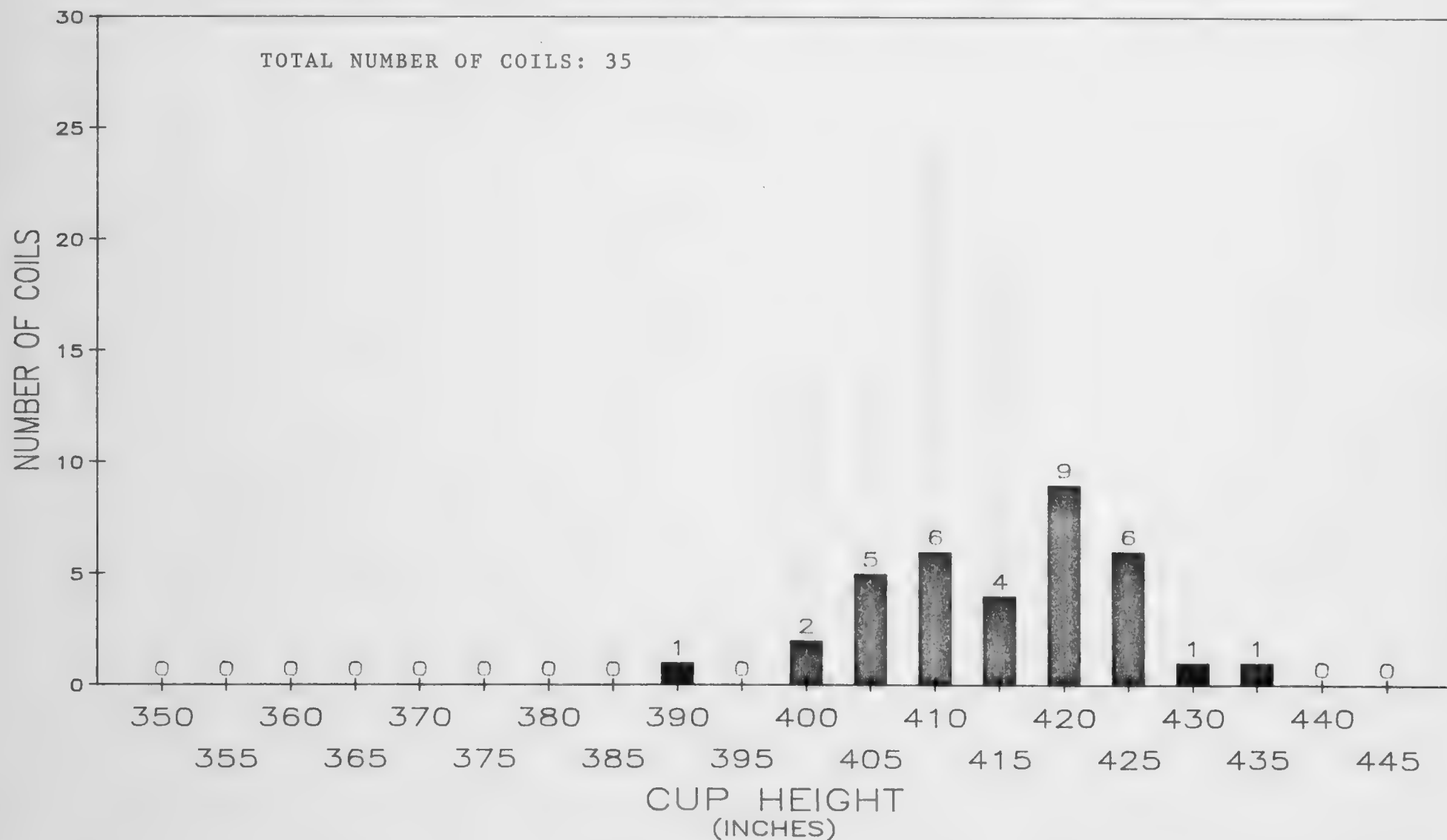
U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 454    SIZE: .030 X 50.6 X COIL    GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM

## OLSEN CUP HEIGHT

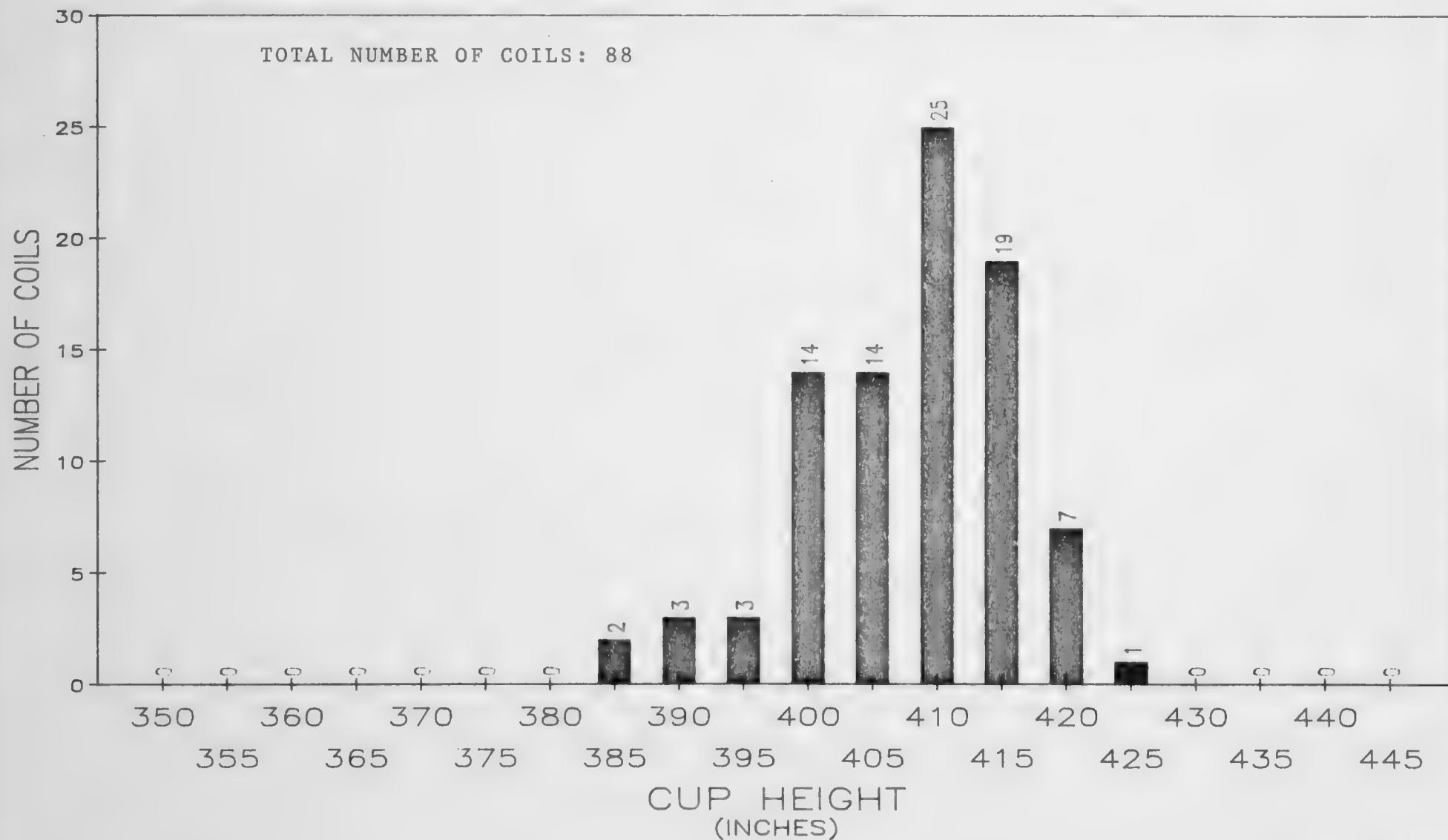
U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 455    SIZE: .030 X 50.6 X COIL    GRADE: CRODQAKE OSG



# HOOD INNER HISTOGRAM

## OLSEN CUP HEIGHT

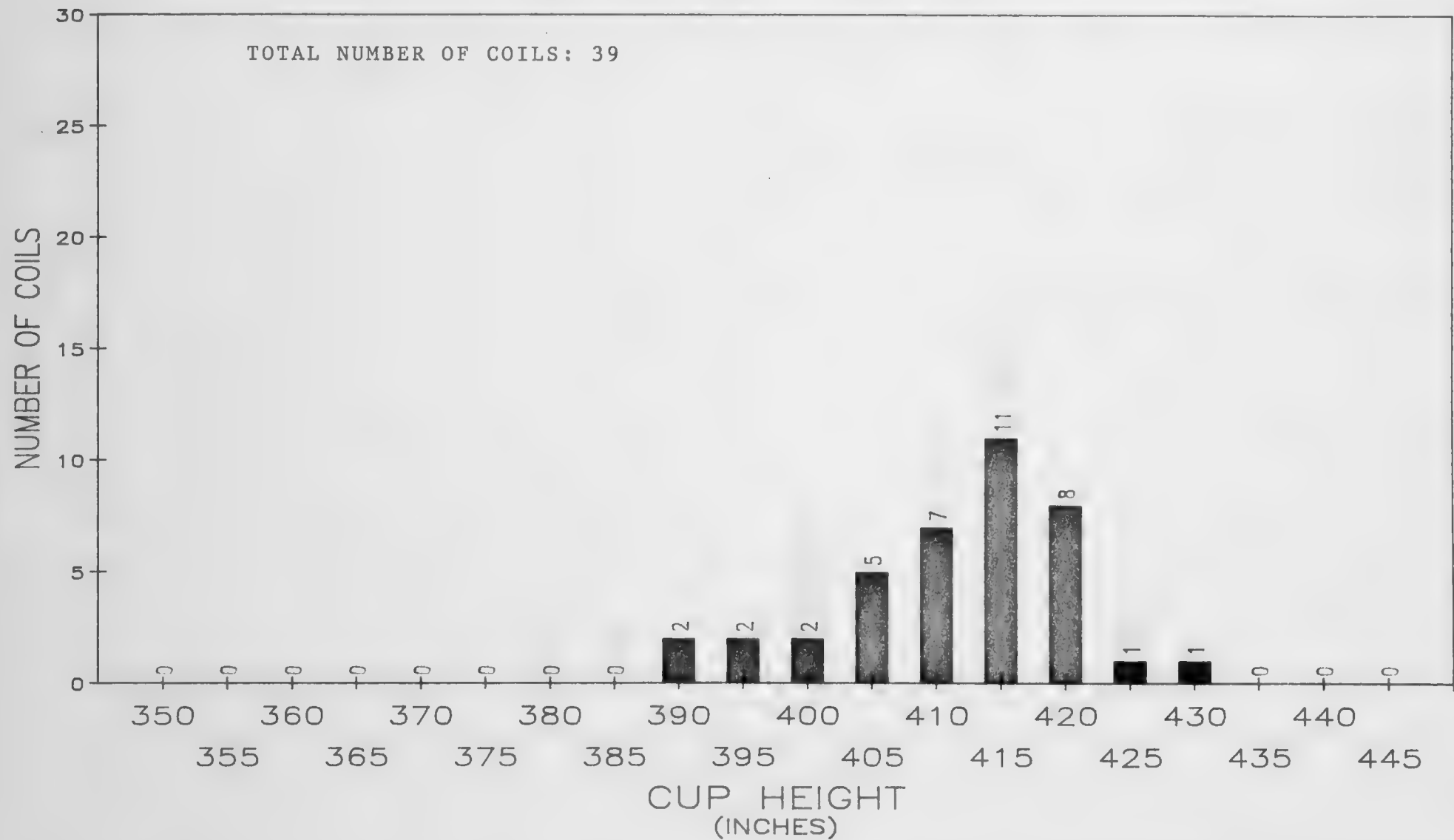
CENTURY STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG



# HOOD INNER HISTOGRAM

## OLSEN CUP HEIGHT

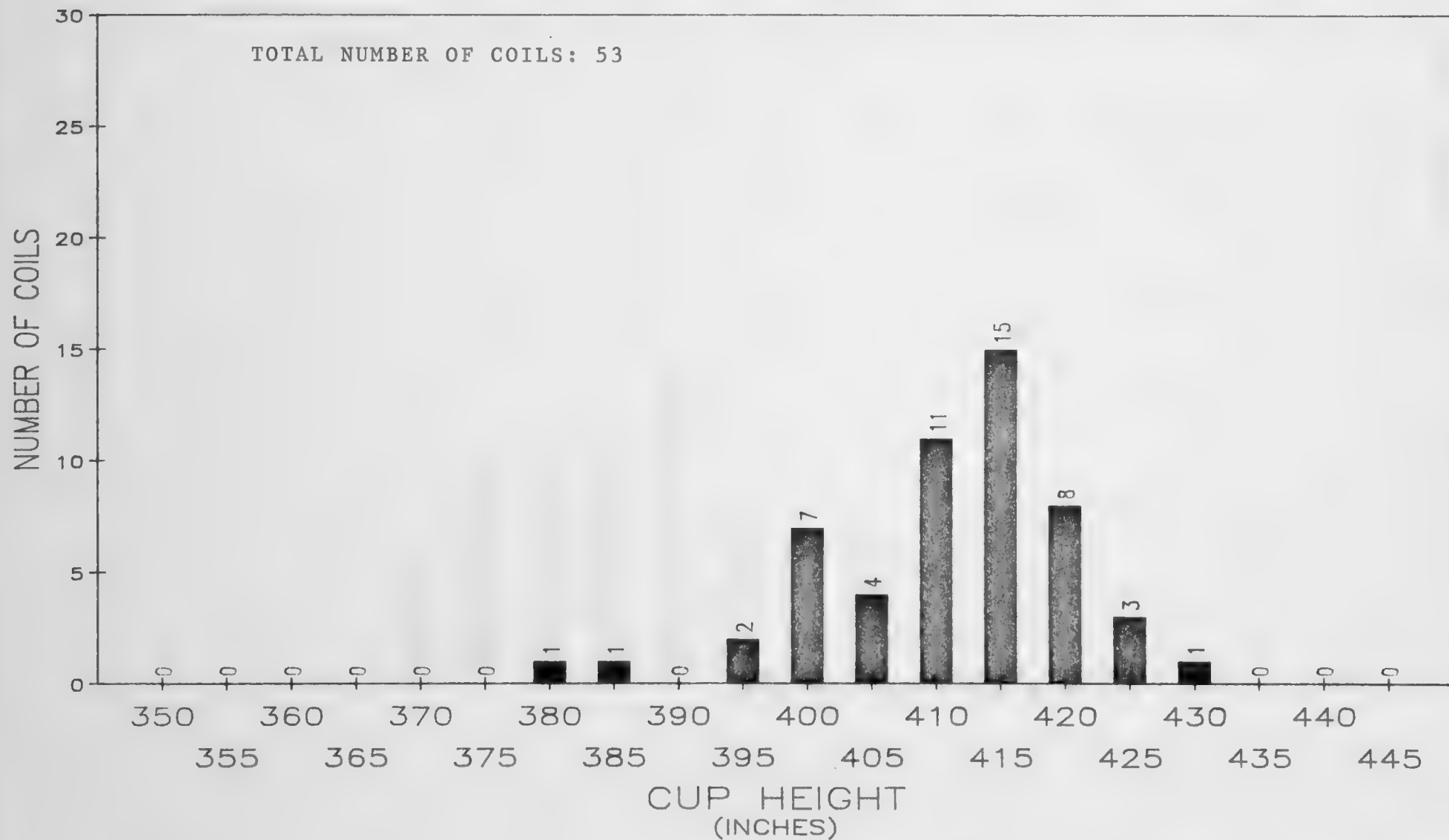
MC STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG



# HOOD INNER HISTOGRAM

## OLSEN CUP HEIGHT

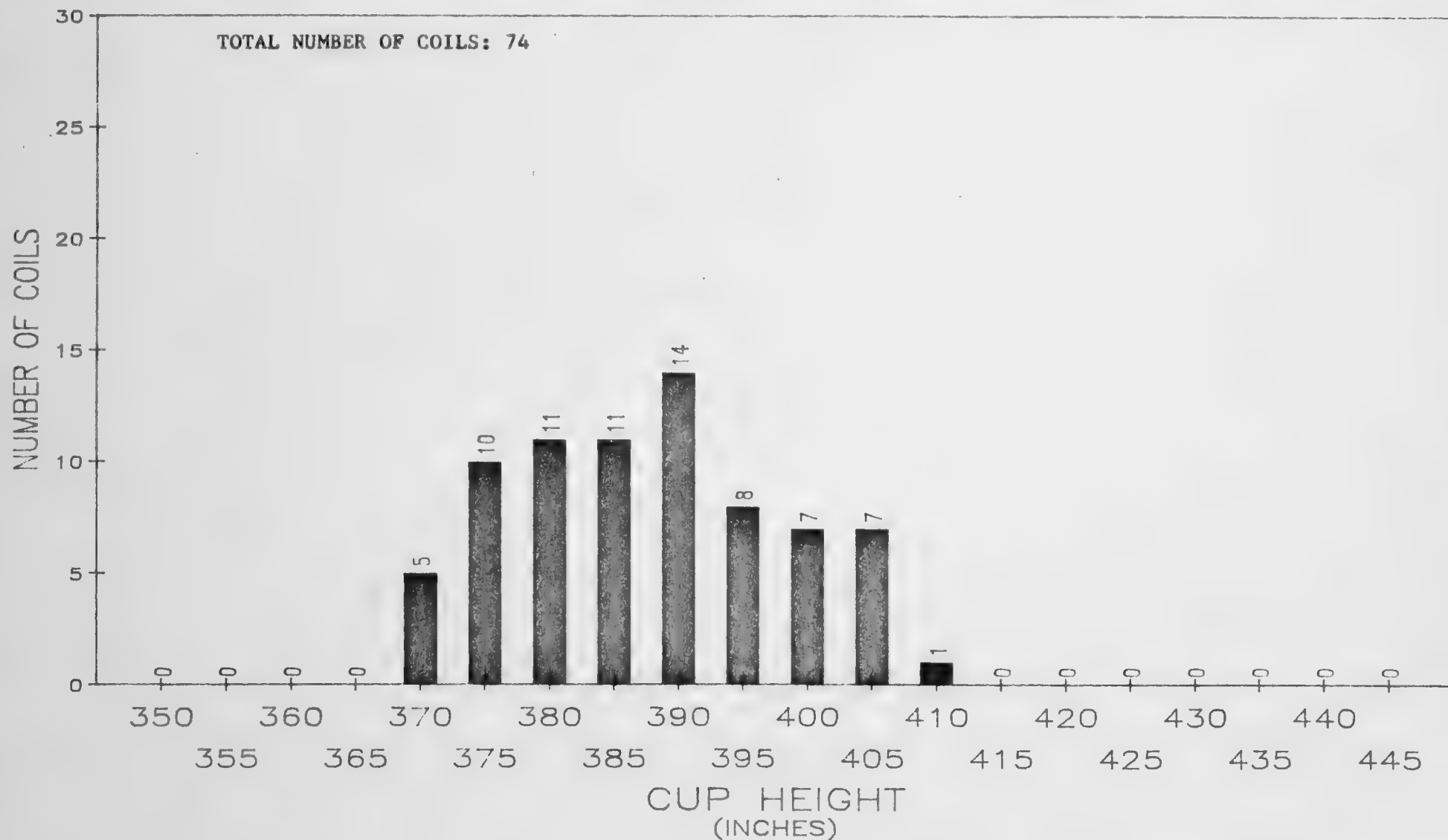
KENWALL STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG



# HOOD INNER HISTOGRAM

## OLSEN CUP HEIGHT

NATIONAL MATERIAL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU GALV.

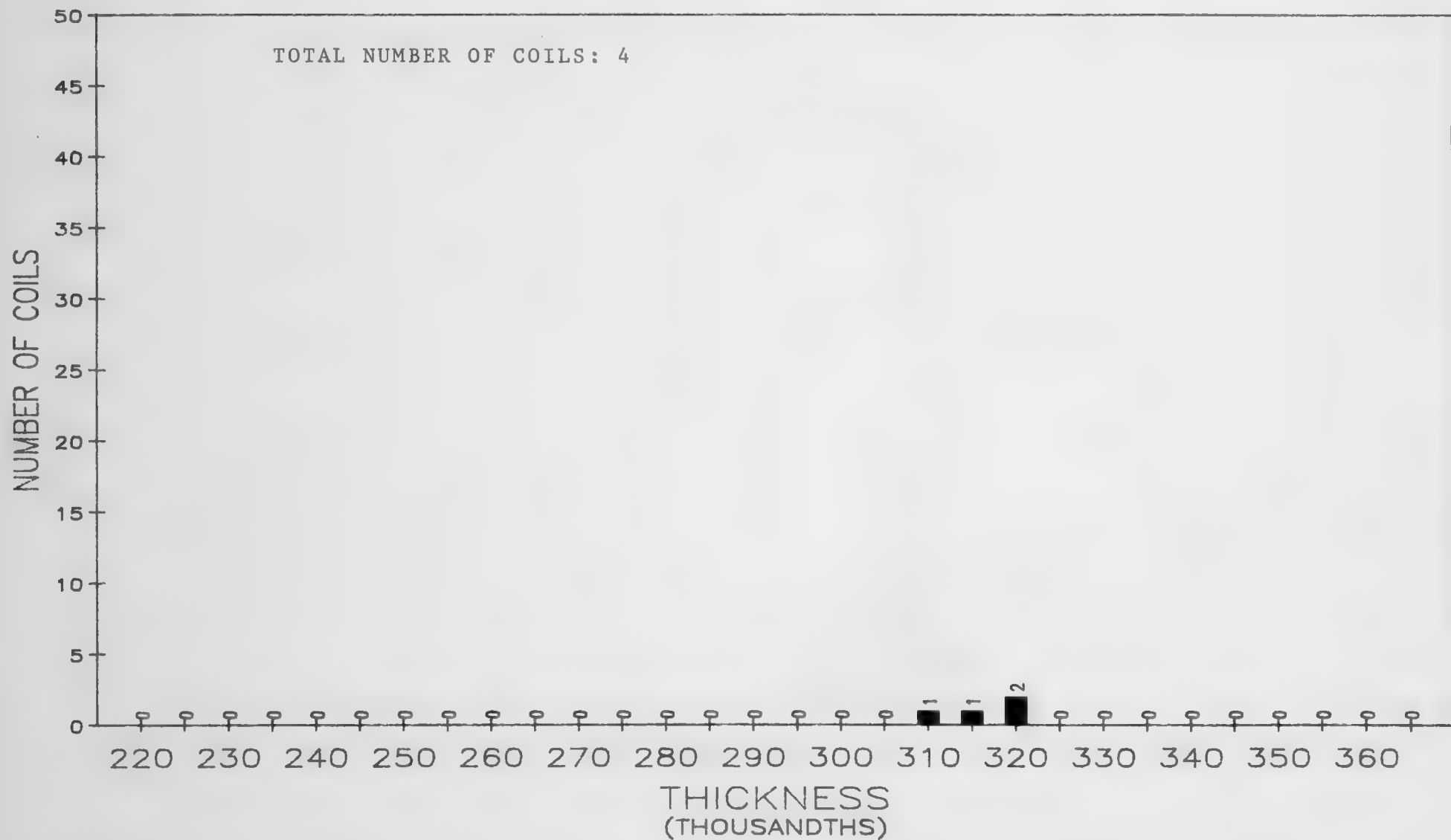






# BODYSIDE OUTER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 092    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM SHEETMETAL THICKNESS

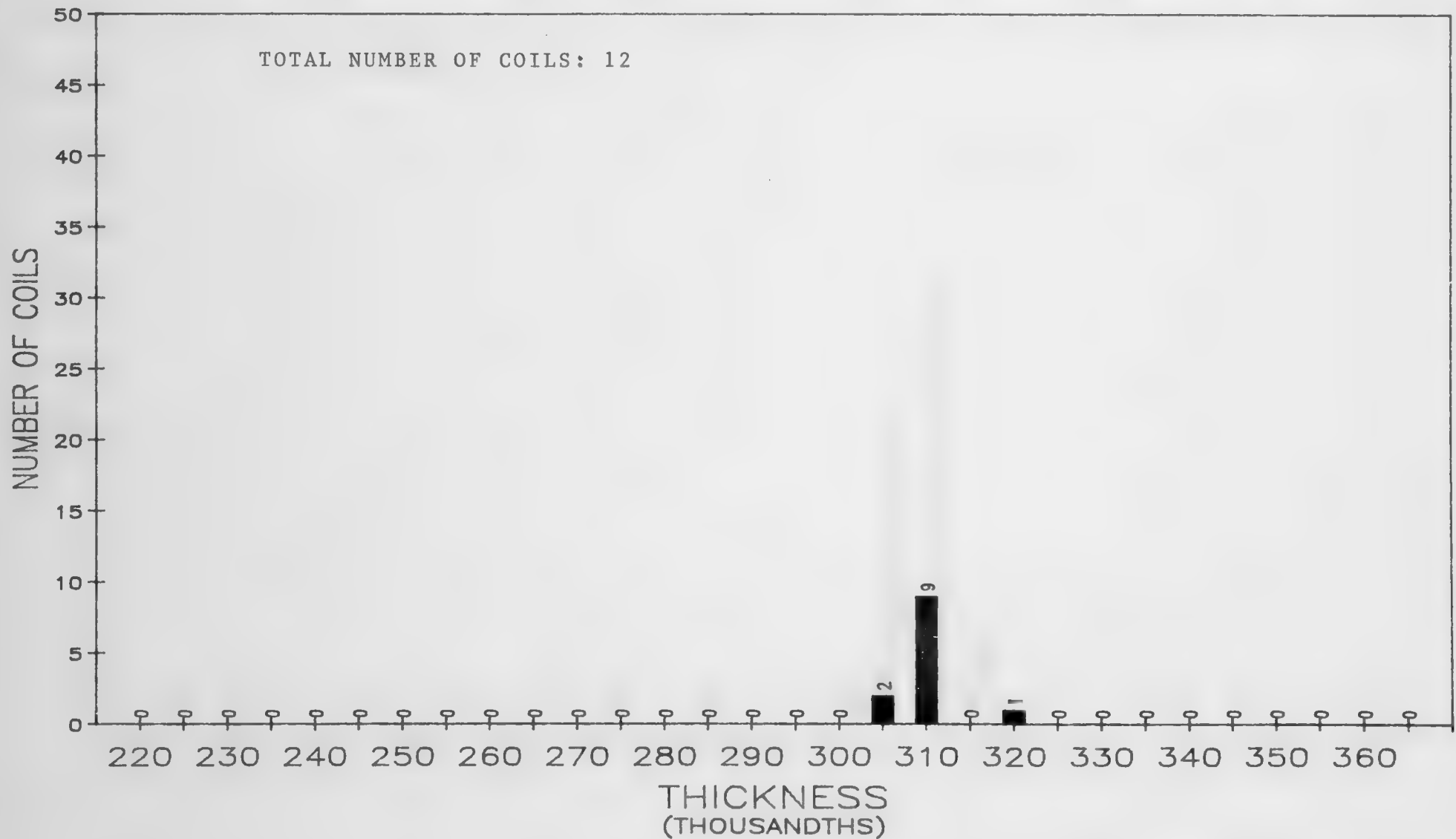
U.S. STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 092 SIZE: .030 X 65.5 X COIL GRADE: CRODQAKE OSG



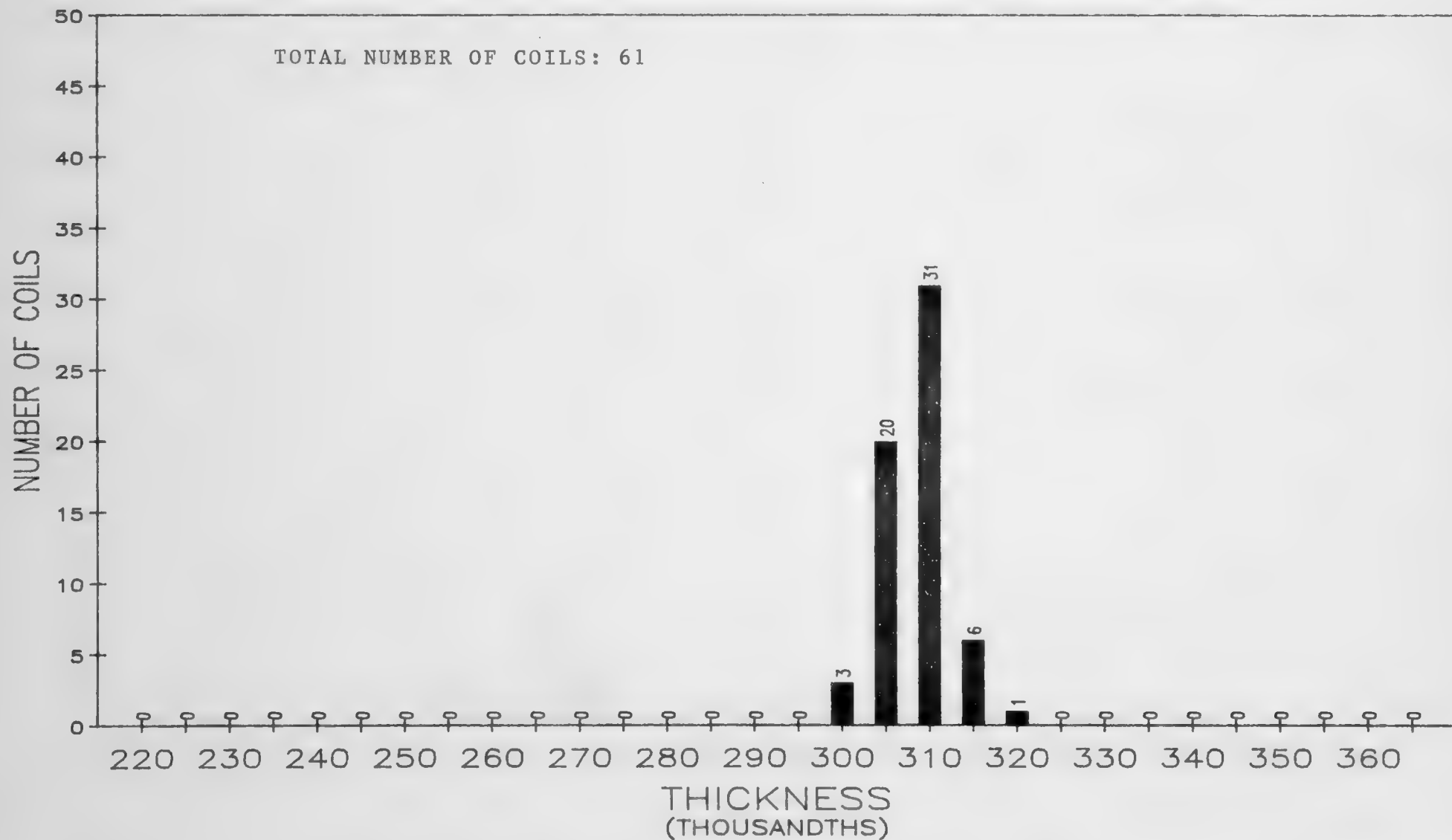
# BODYSIDE OUTER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 093    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



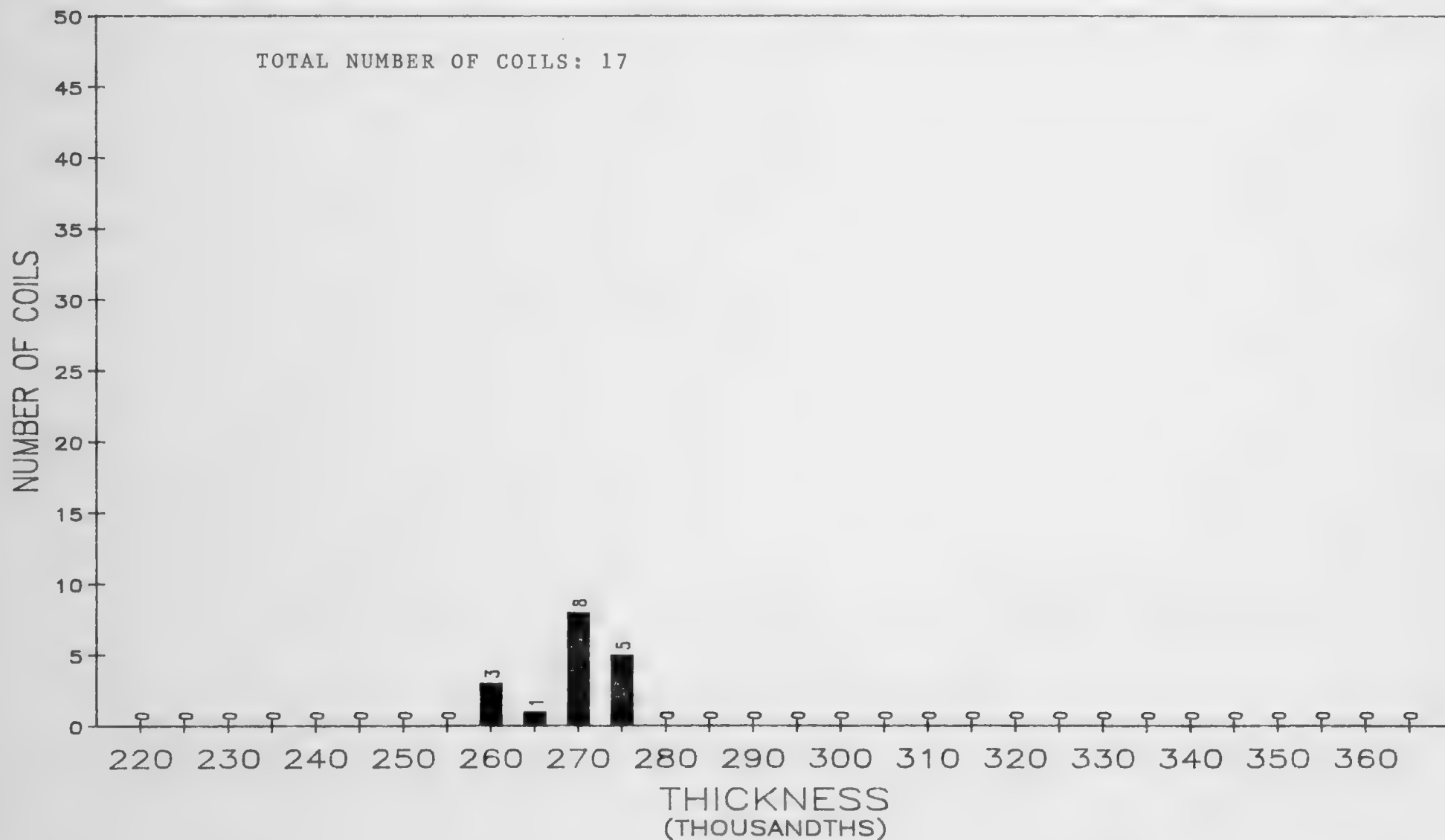
# BODYSIDE OUTER HISTOGRAM SHEETMETAL THICKNESS

U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 093    SIZE: .030 X 65.5 X COIL    GRADE: CRODQAKE OSG



# REAR WHEELHOUSE OUTER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 106    SIZE: .026 X 27.25 X COIL    GRADE: CRODQAKU OSG

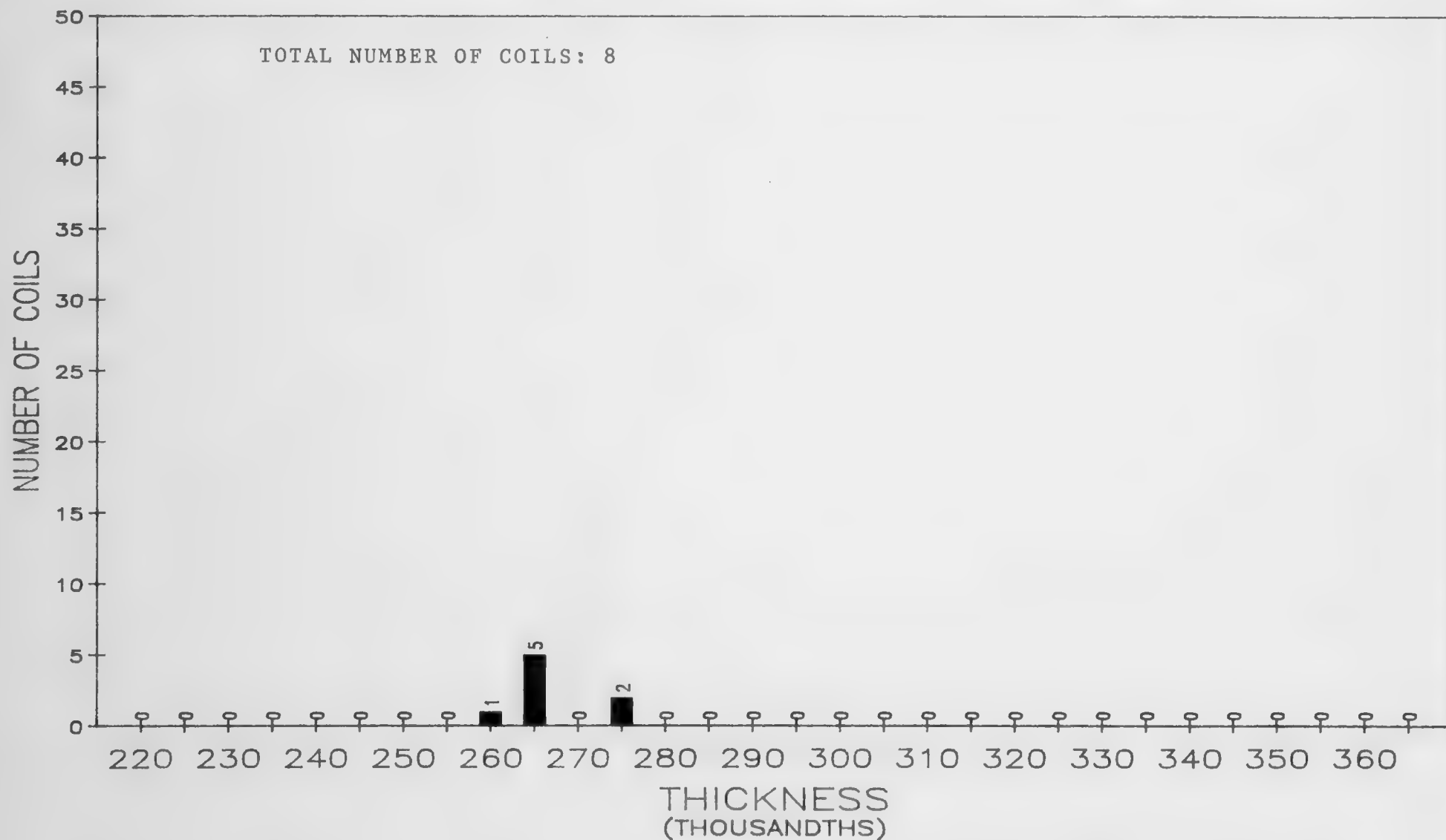


# REAR WHEELHOUSE OUTER HISTOGRAM SHEETMETAL THICKNESS

STEEL & WIRE

JULY 1984 THRU JUNE 1985

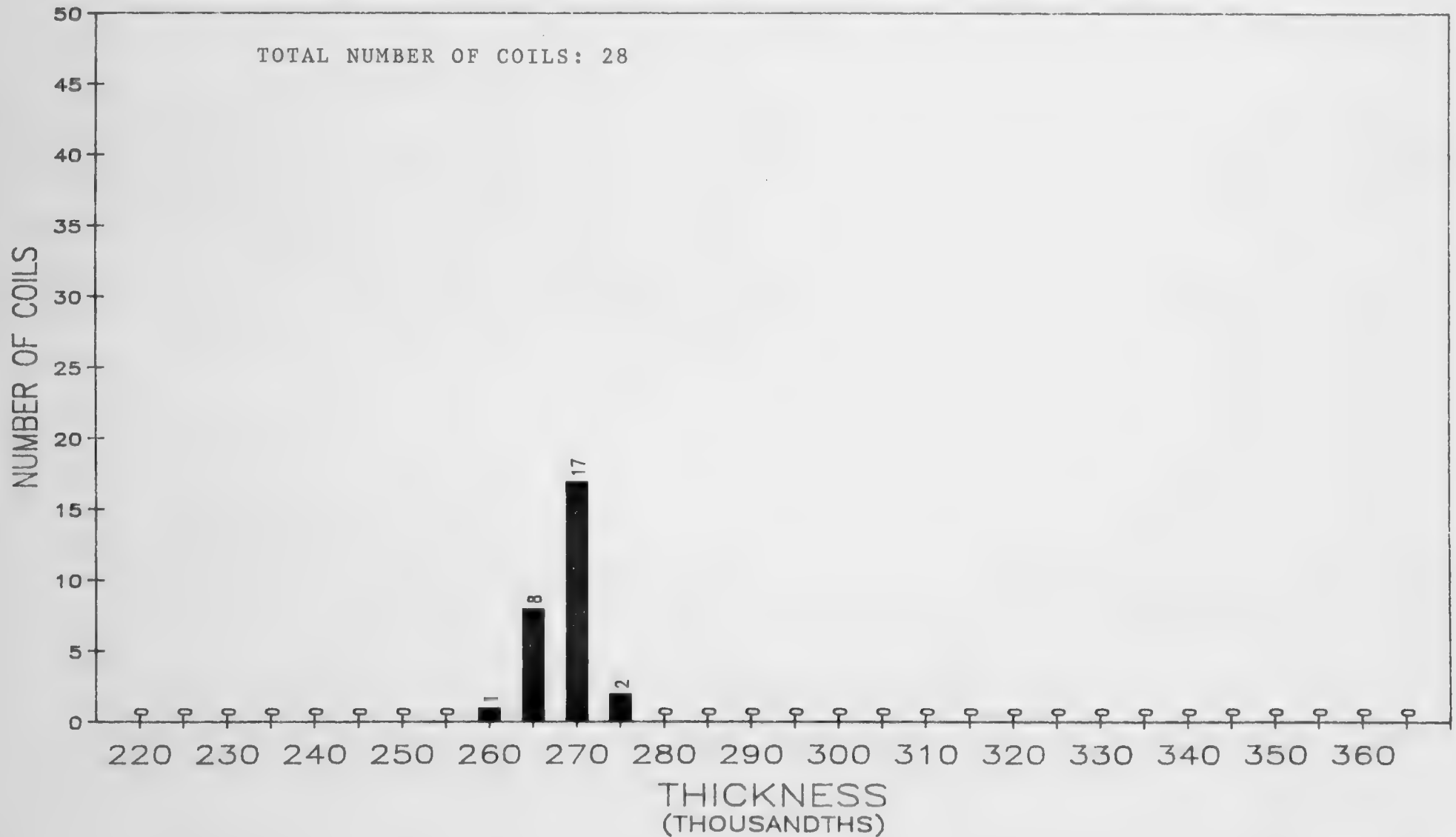
PART NO: 8935 000 106 SIZE: .026 X 27.25 X COIL GRADE: CRODQAKU OSG



# REAR WHEELHOUSE OUTER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 107 SIZE: .026 X 28.25 X COIL GRADE: CRODQAKU OSG

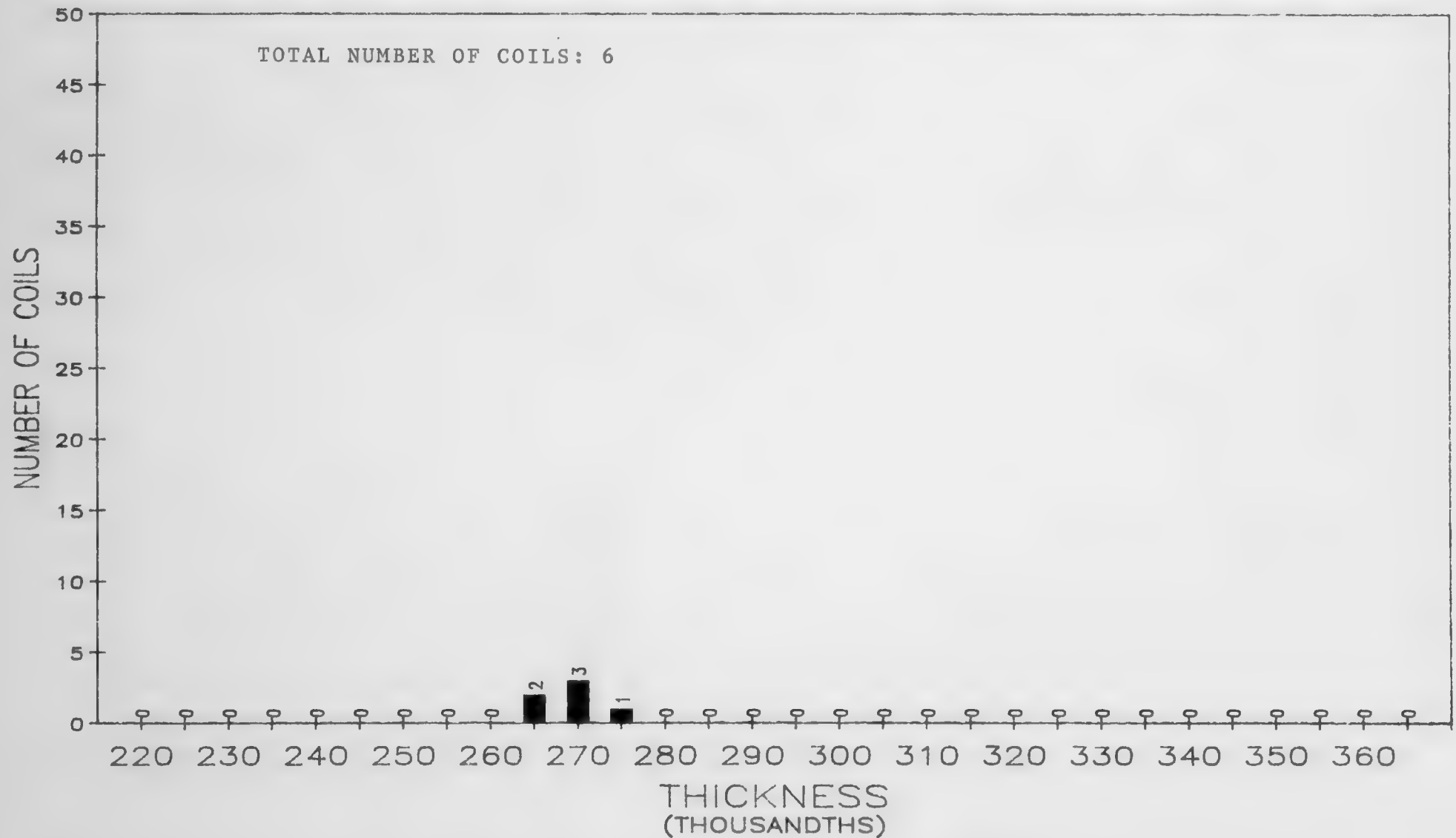


# REAR WHEELHOUSE OUTER HISTOGRAM SHEETMETAL THICKNESS

STEEL & WIRE

JULY 1984 THRU JUNE 1985

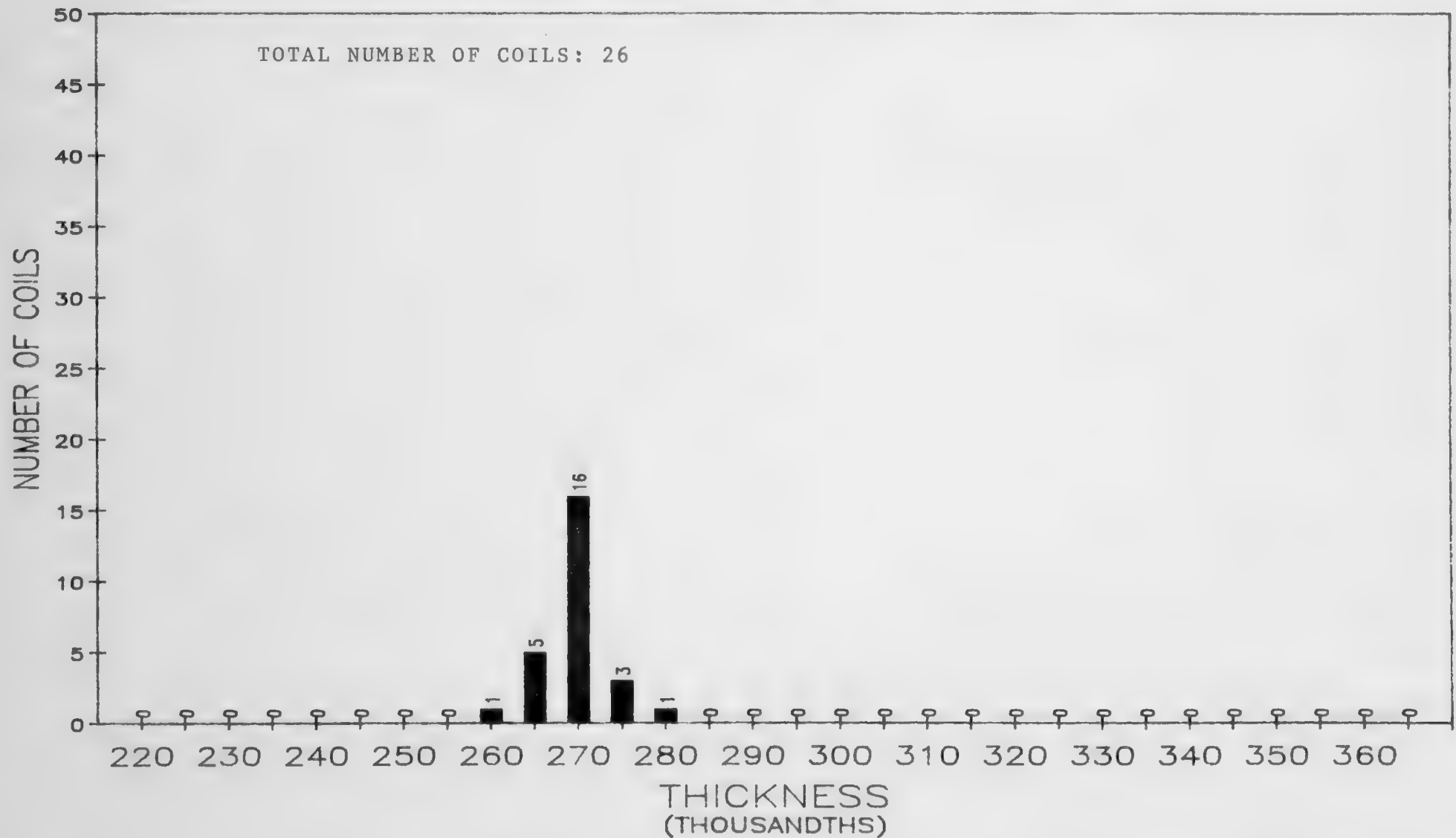
PART NO: 8935 000 107 SIZE: .026 X 28.25 X COIL GRADE: CRODQAKU OSG





# FRONT DOOR INNER HISTOGRAM SHEETMETAL THICKNESS

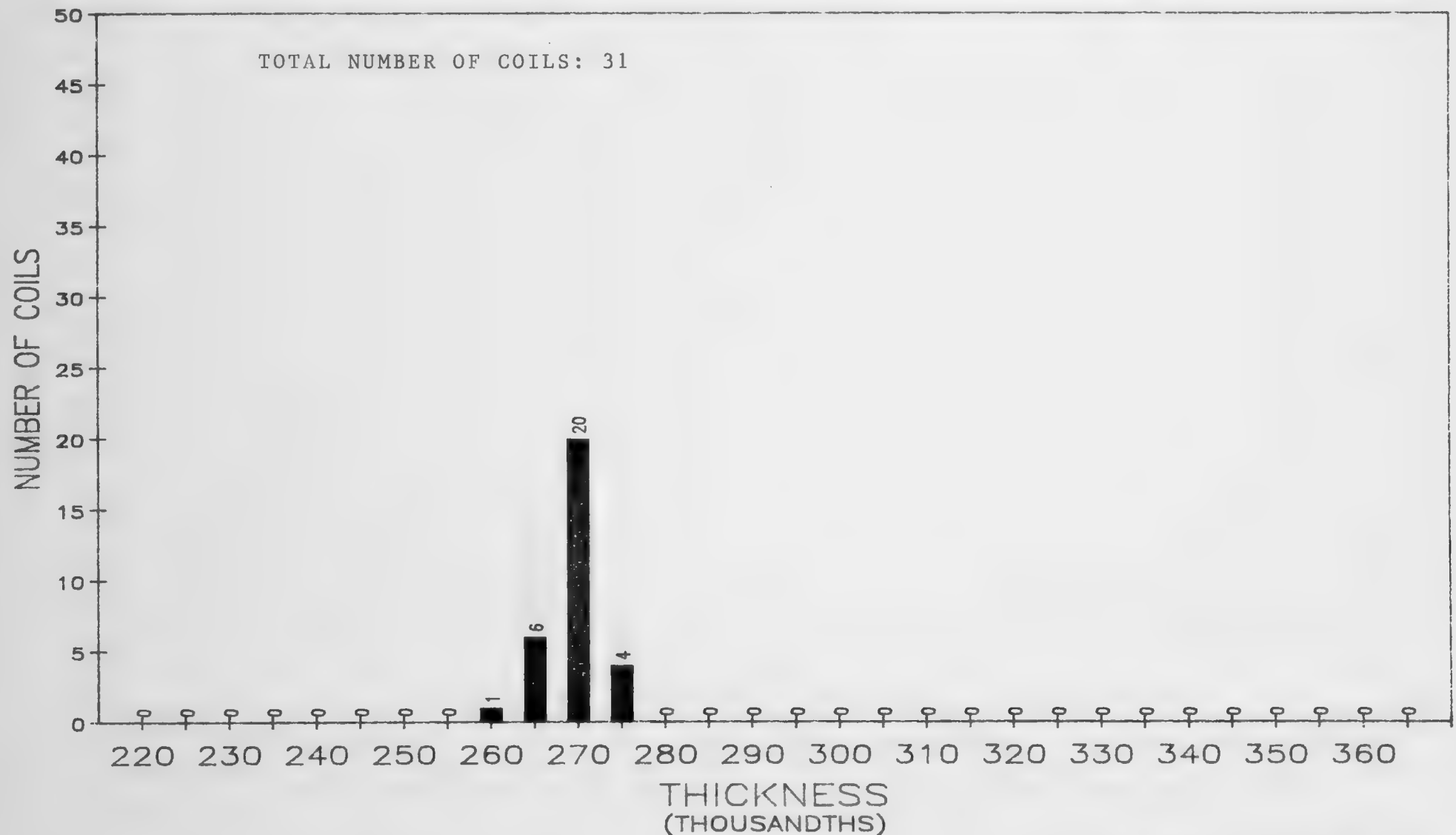
NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 124    SIZE: .026 X 46.62 X COIL    GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL JULY 1984 THRU JUNE 1985

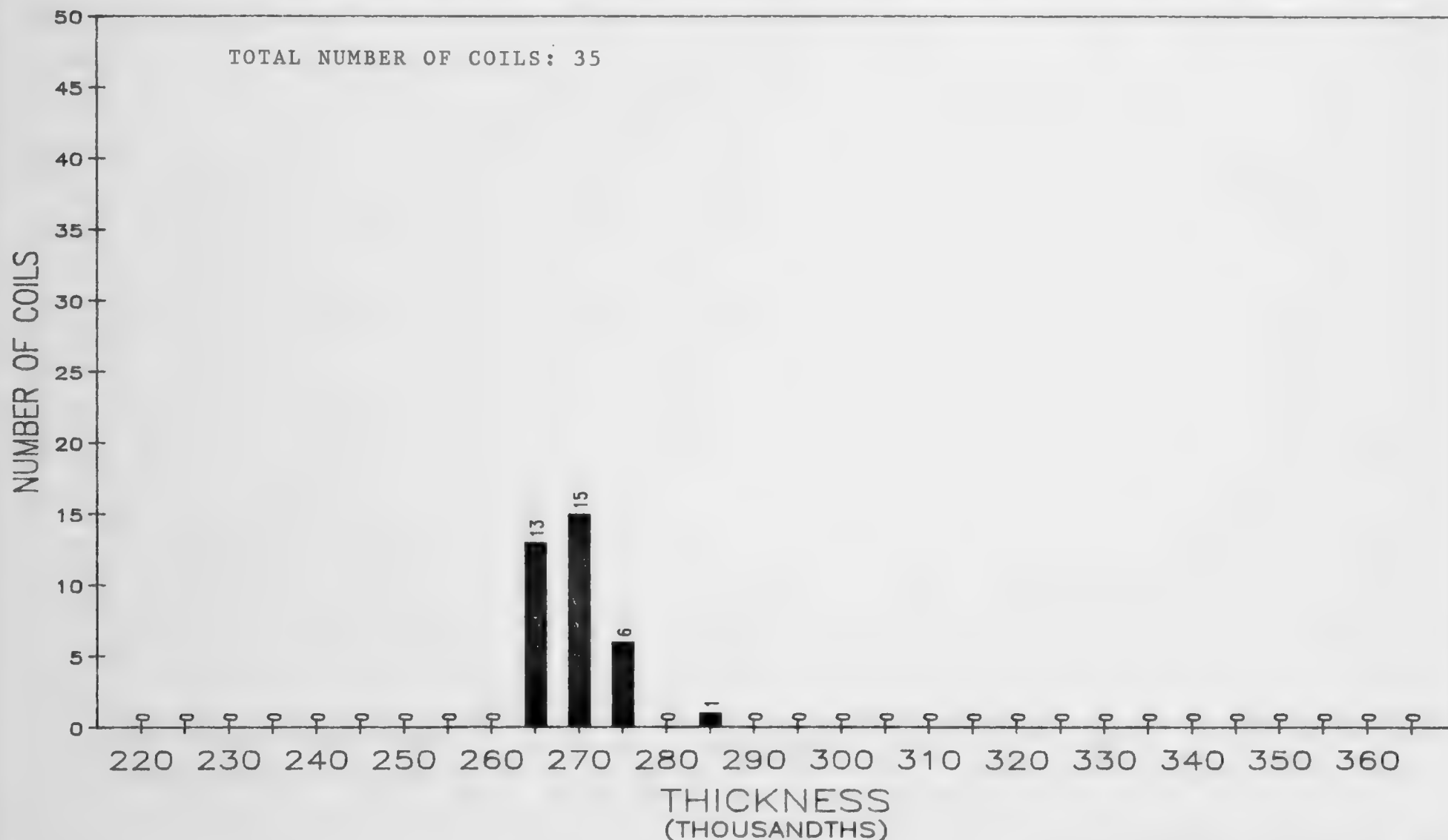
PART NO: 8935 000 125 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL JULY 1984 THRU JUNE 1985

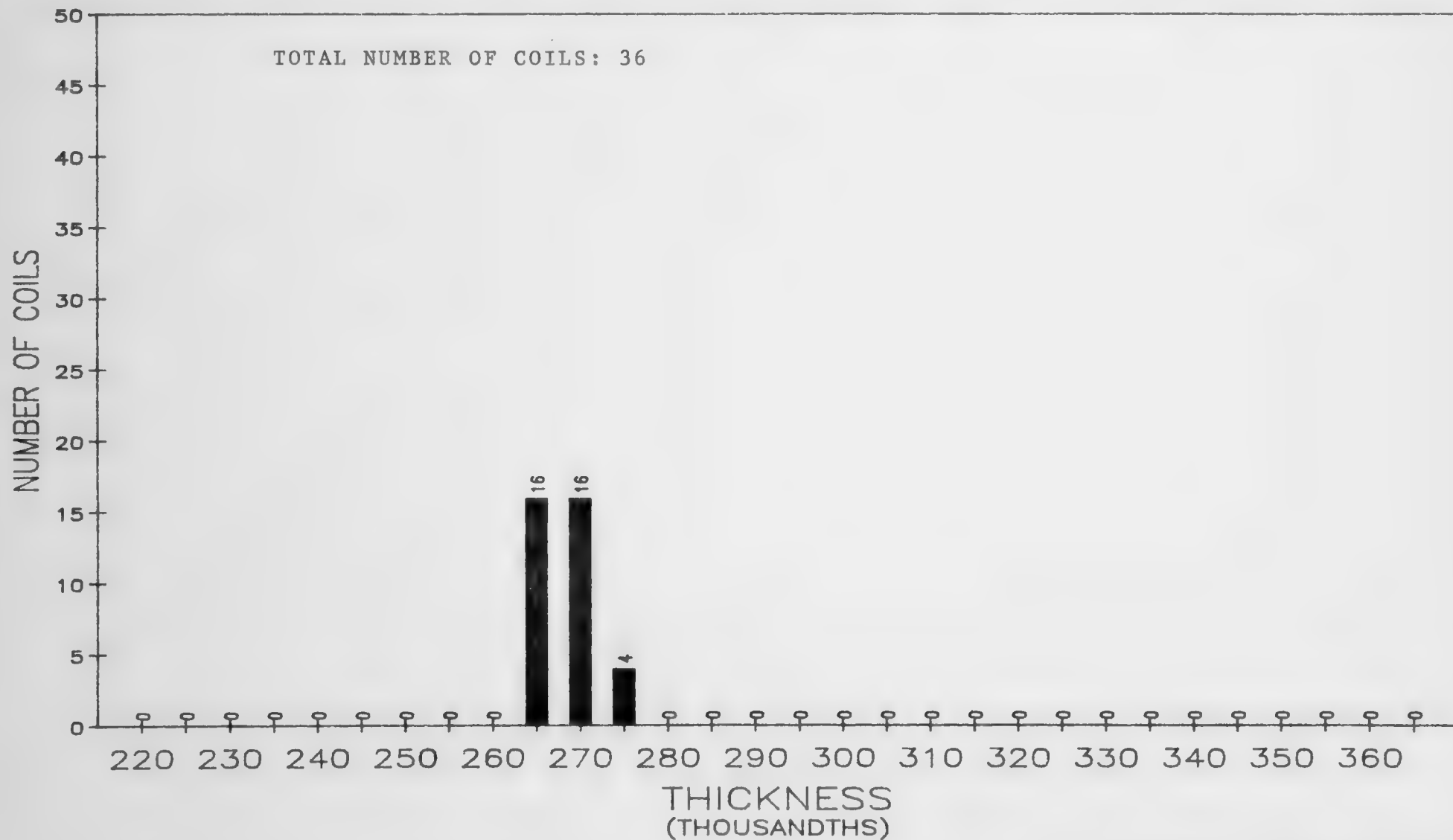
PART NO: 8935 000 124-5 SIZE: .026 X 46.62 X COIL GRADE: CRODQAKU GALV.



# REAR DOOR INNER HISTOGRAM

## SHEETMETAL THICKNESS

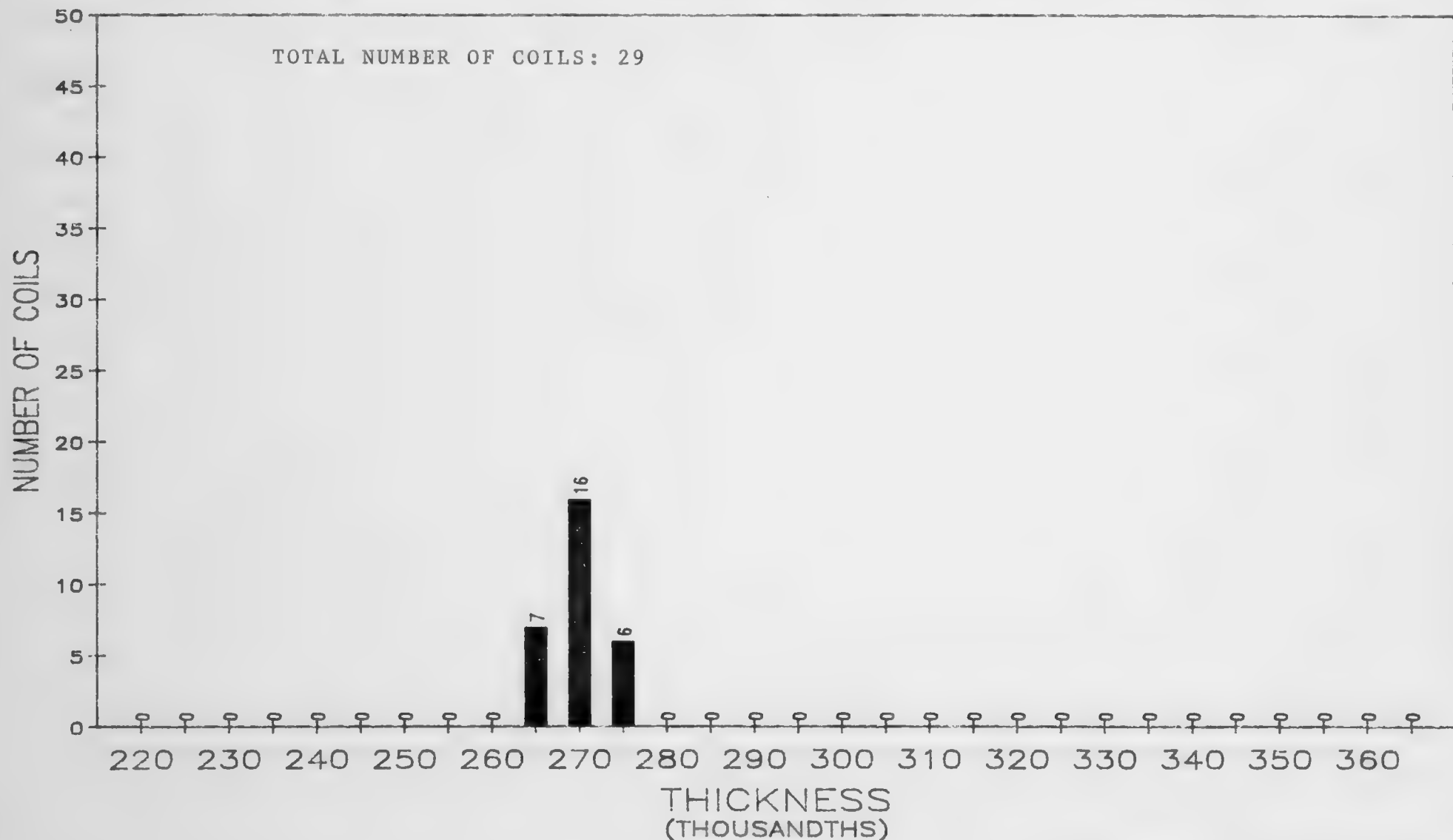
NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 136 SIZE: .026 X 45.3 X COIL GRADE: CRODQAKU OSG



# REAR DOOR INNER HISTOGRAM

## SHEETMETAL THICKNESS

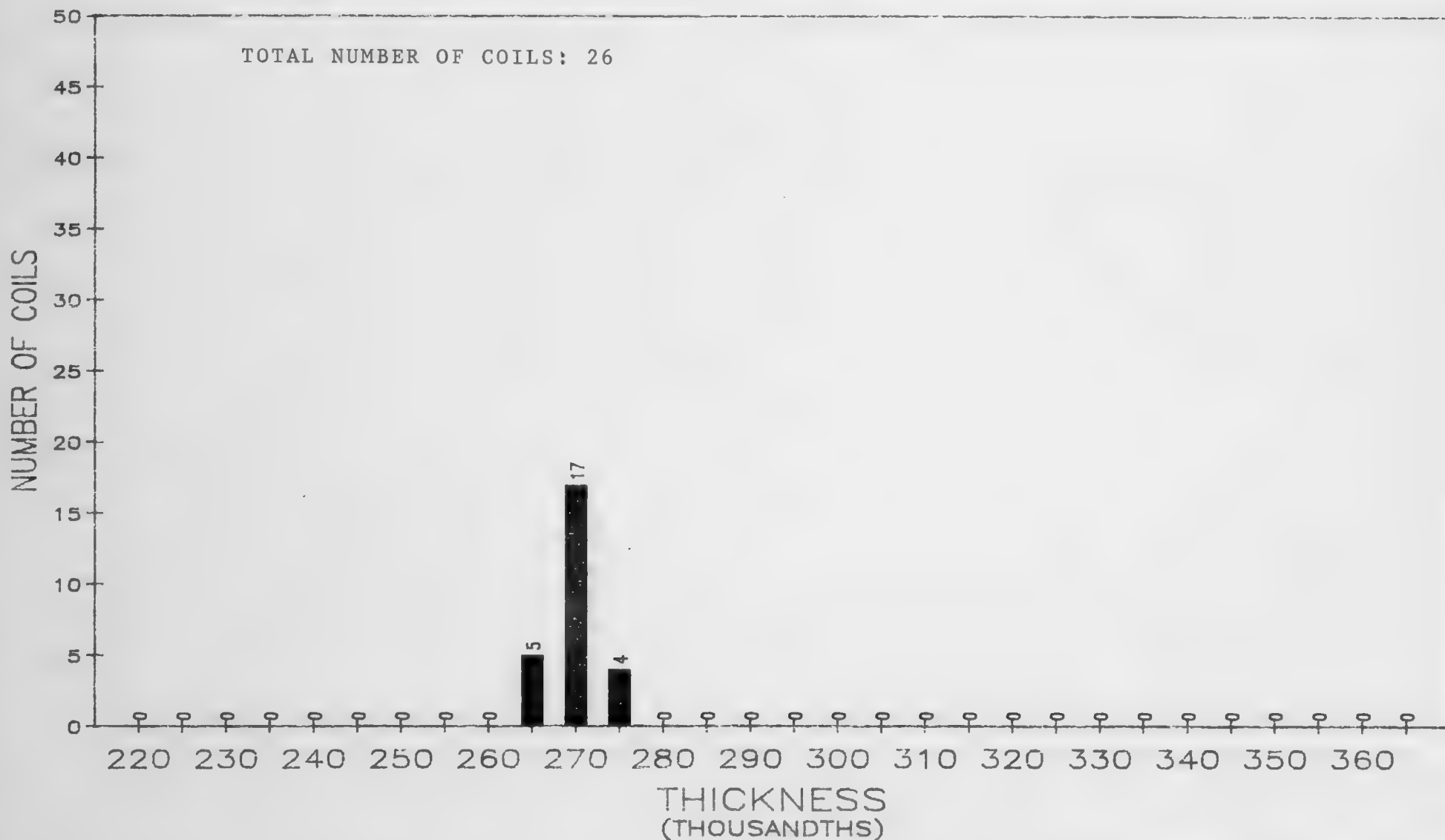
NIPPON STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 137 SIZE: .026' X 45.3 X COIL GRADE: CRODQAKU OSG



# REAR DOOR INNER HISTOGRAM

## SHEETMETAL THICKNESS

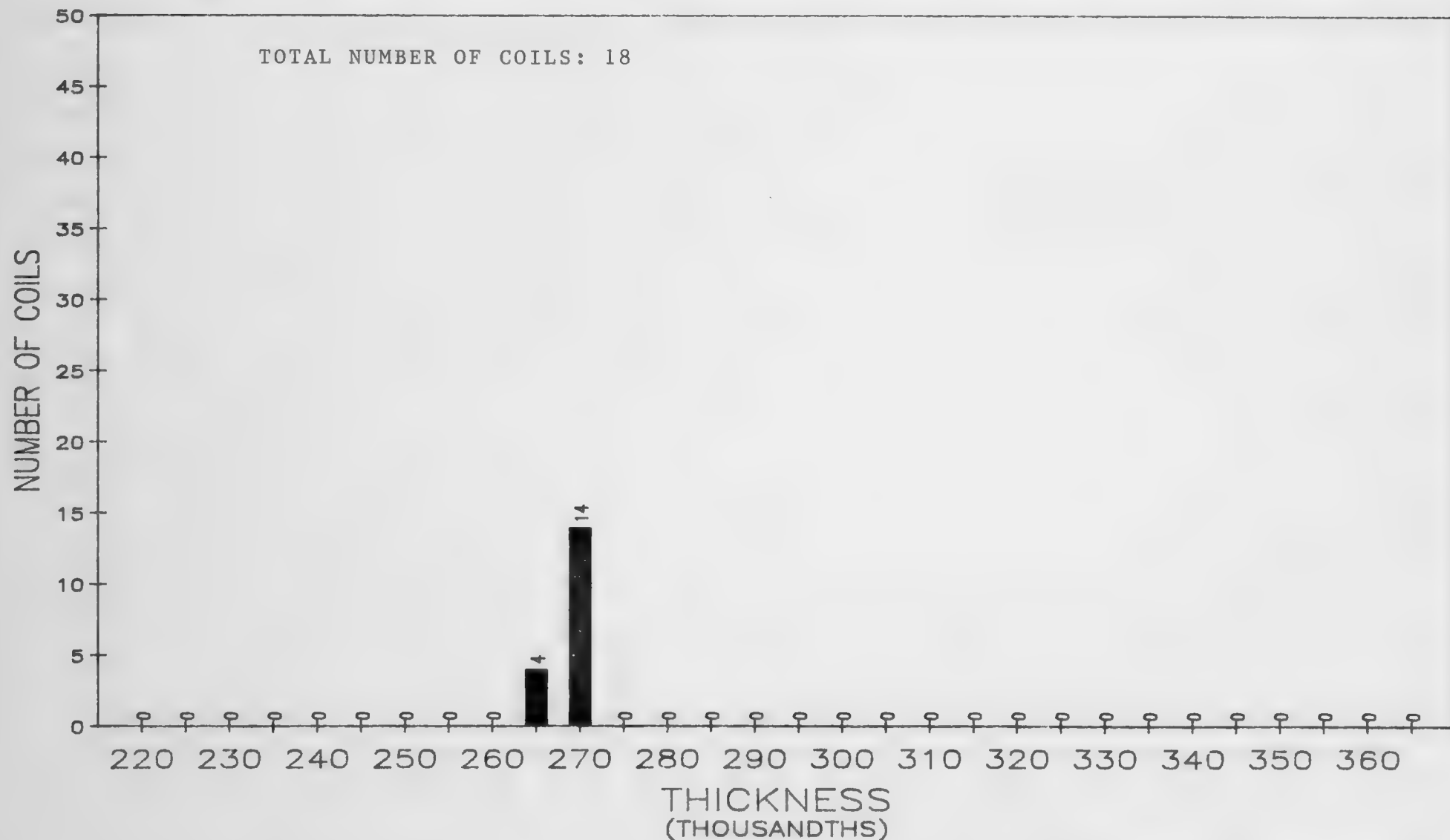
NIPPON STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 136-7    SIZE: .026 X 45.3 X COIL    GRADE: CRODQAKU GALV.



# FRONT DOOR INNER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL JULY 1984 THRU JUNE 1985

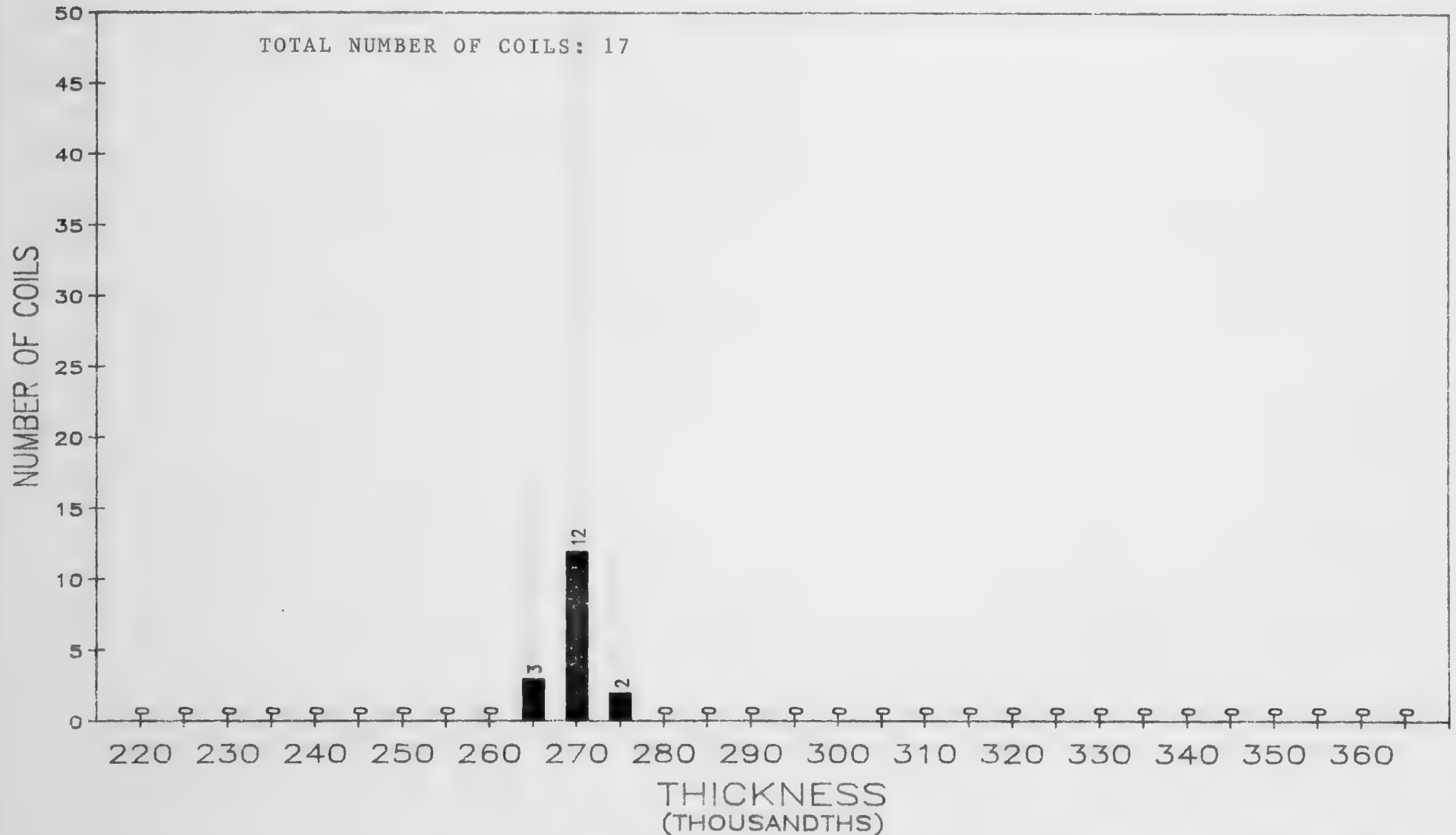
PART NO: 8935 000 400 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU OSG



# FRONT DOOR INNER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL JULY 1984 THRU JUNE 1985

PART NO: 8935 000 401 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU OSG

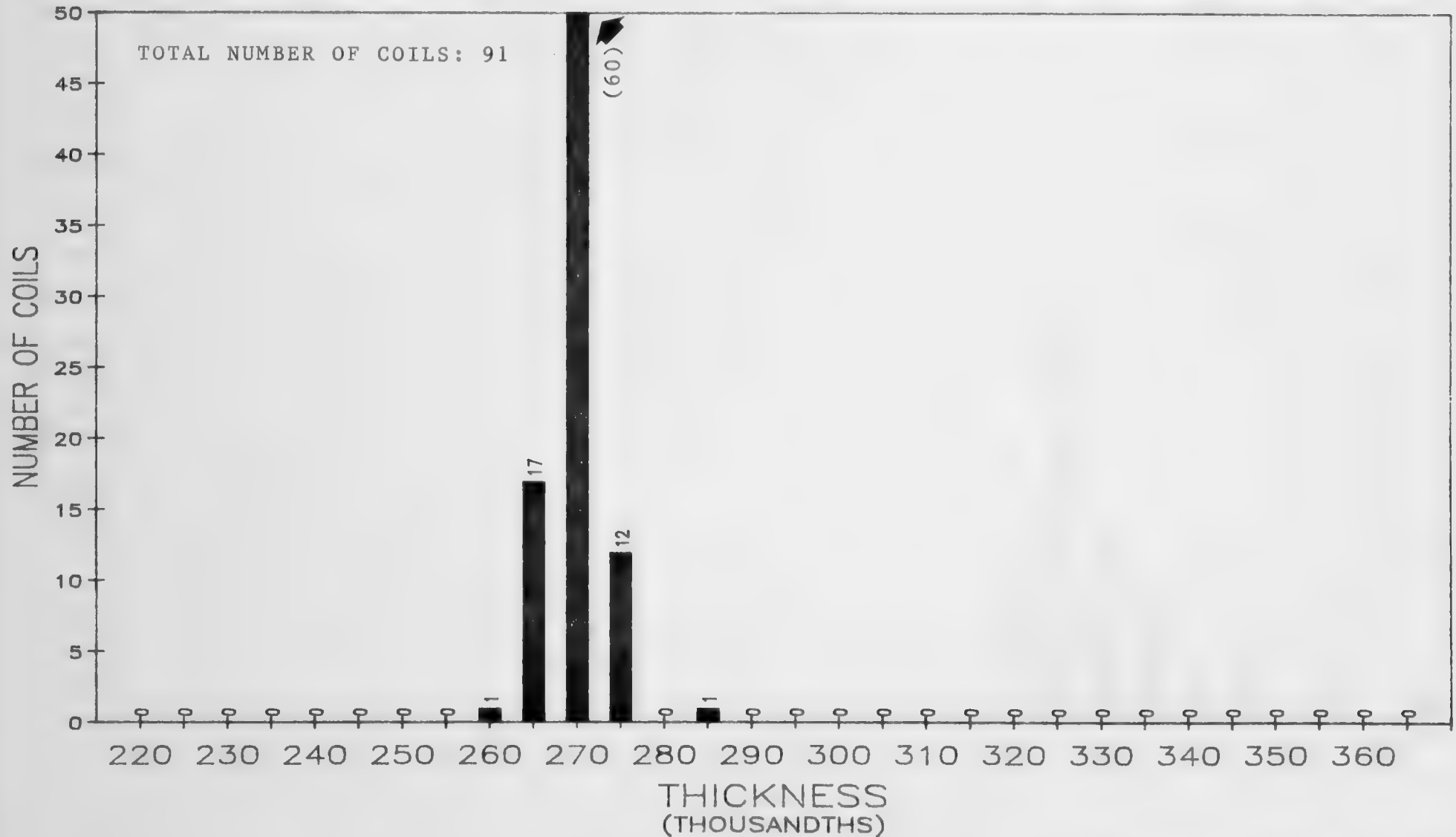




# FRONT DOOR INNER HISTOGRAM SHEETMETAL THICKNESS

NIPPON STEEL JULY 1984 THRU JUNE 1985

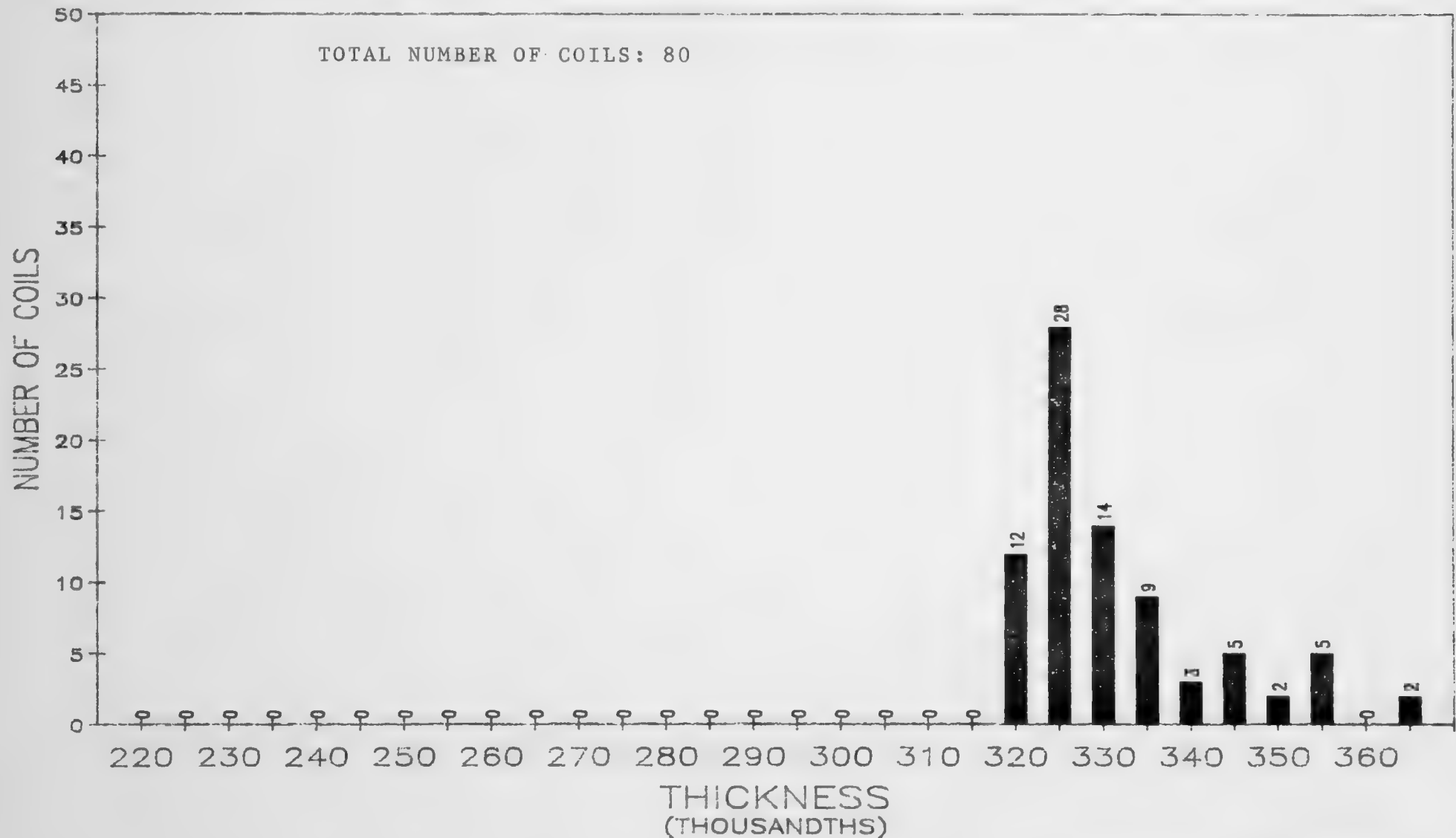
PART NO: 8935 000 400-1 SIZE: .026 X 47.24 X COIL GRADE: CRODQAKU GALV.



# REAR FLOOR PAN HISTOGRAM

## SHEETMETAL THICKNESS

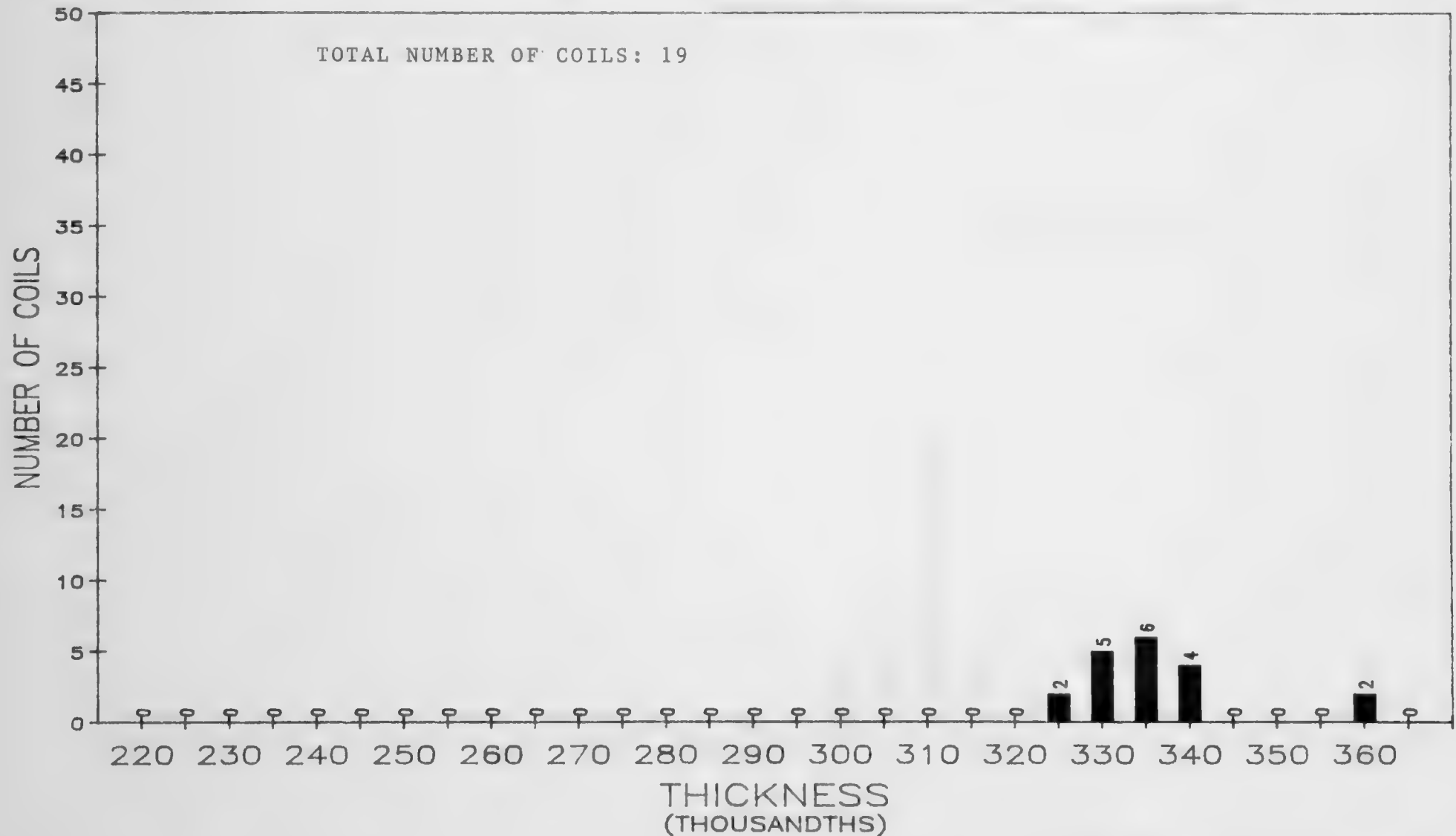
LTV STEEL (J&L) JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 439 SIZE: .032 X 65 X COIL GRADE: CRODQAKU



# REAR FLOOR PAN HISTOGRAM

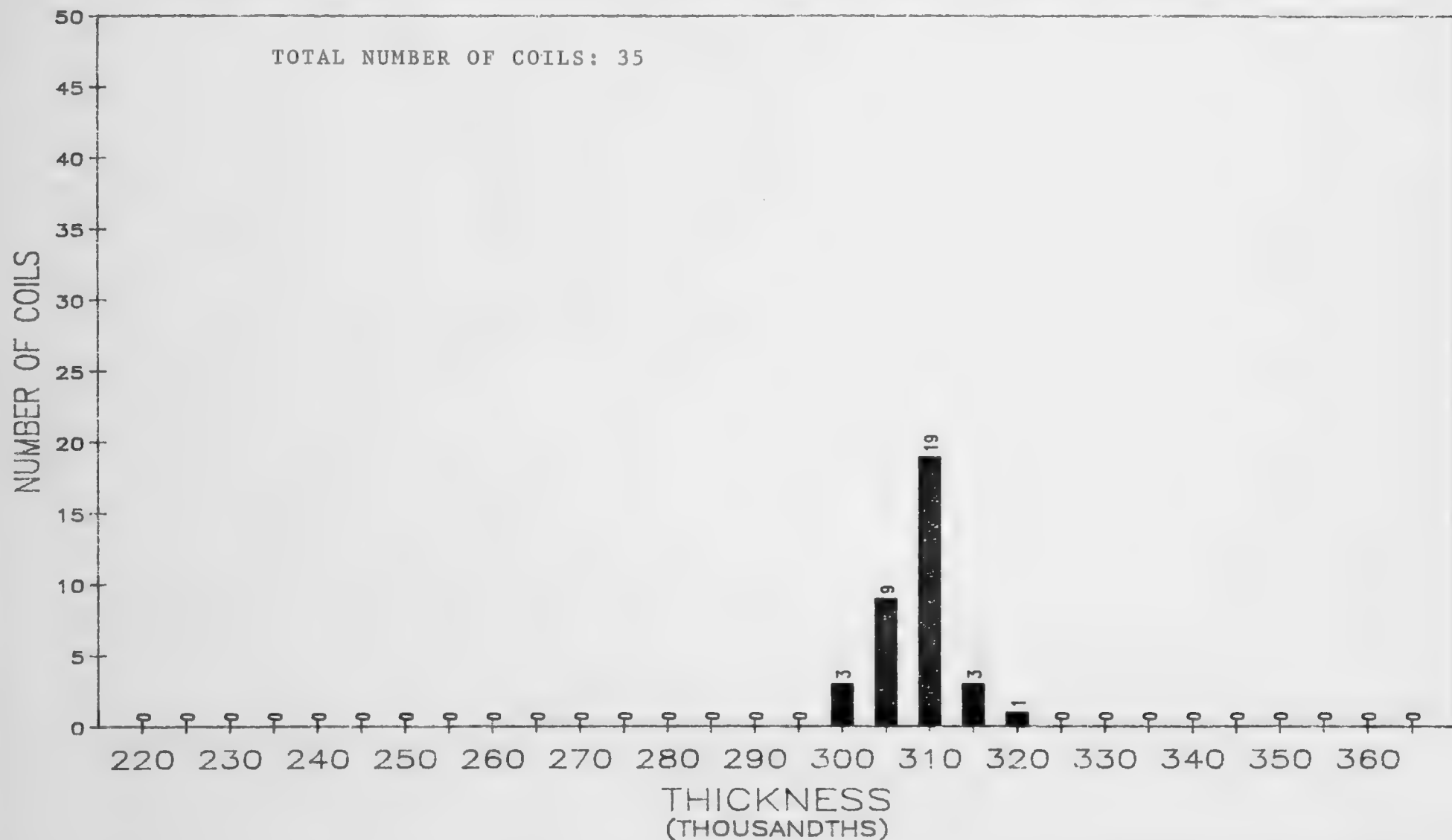
## SHEETMETAL THICKNESS

U.S. STEEL JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 439 SIZE: .032 X 65 X COIL GRADE: CRODQAKU



# BODYSIDE OUTER HISTOGRAM SHEETMETAL THICKNESS

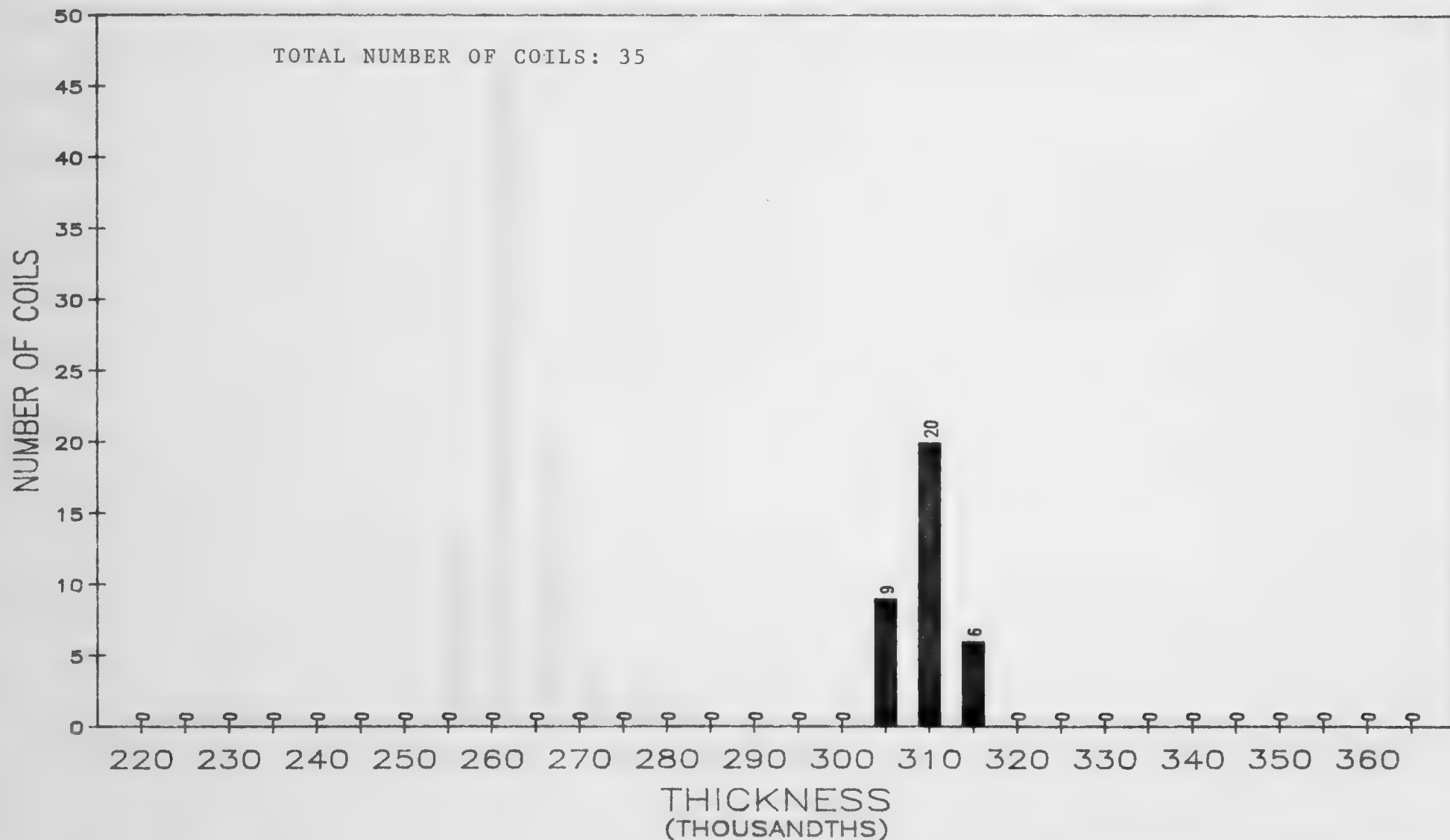
U.S. STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 000 454    SIZE: .030 X 50.6 X COIL    GRADE: CRODQAKE OSG



# BODYSIDE OUTER HISTOGRAM SHEETMETAL THICKNESS

U.S. STEEL JULY 1984 THRU JUNE 1985

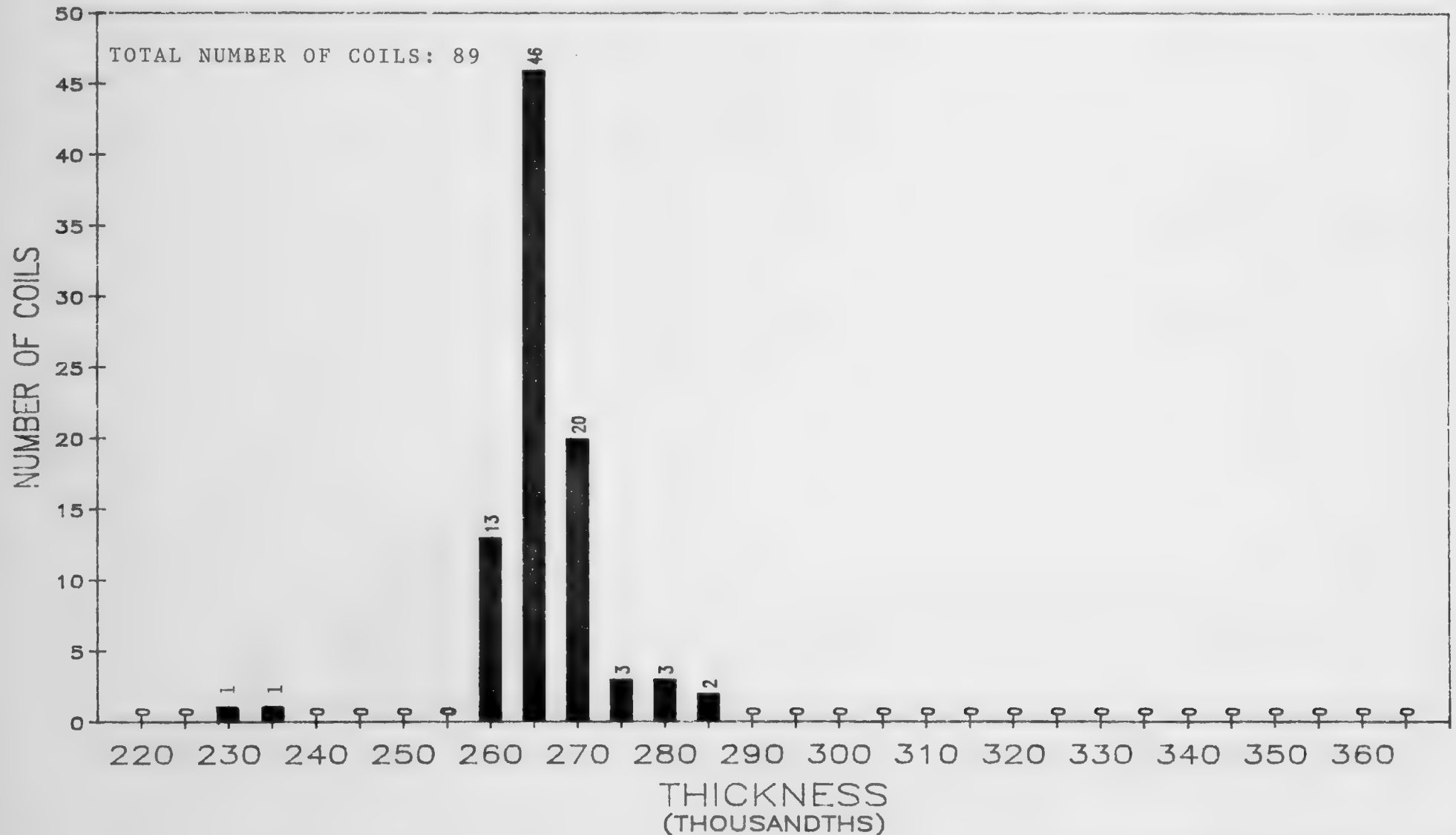
PART NO: 8935 000 455 SIZE: .030 X 50.6 X COIL GRADE: CRODQAKE OSG



# HOOD INNER HISTOGRAM SHEETMETAL THICKNESS

CENTURY STEEL JULY 1984 THRU JUNE 1985

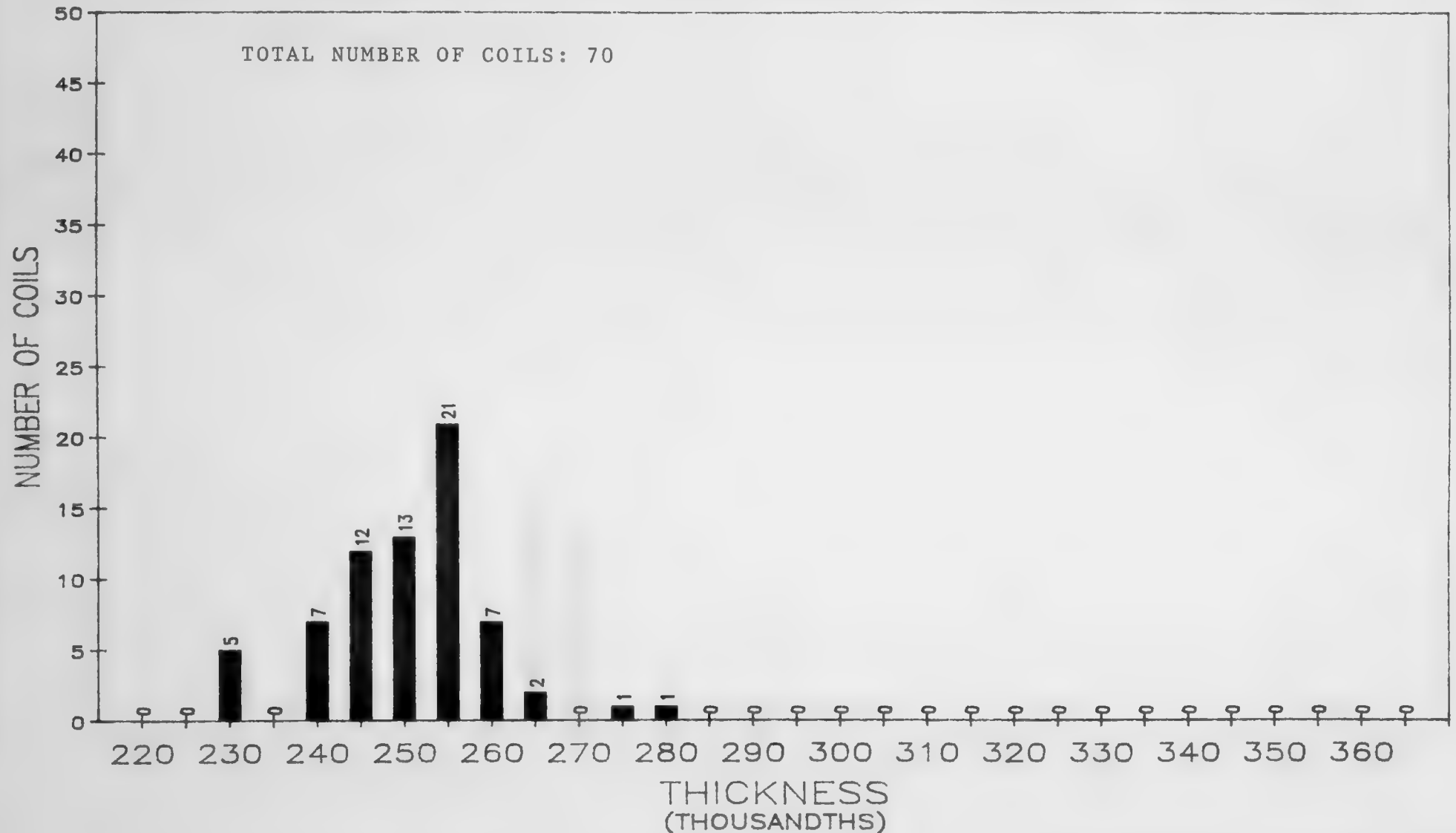
PART NO: 8935 009 918 SIZE: .022 X 48.82 X COIL GRADE: CRODQAKU OSG



# HOOD INNER HISTOGRAM

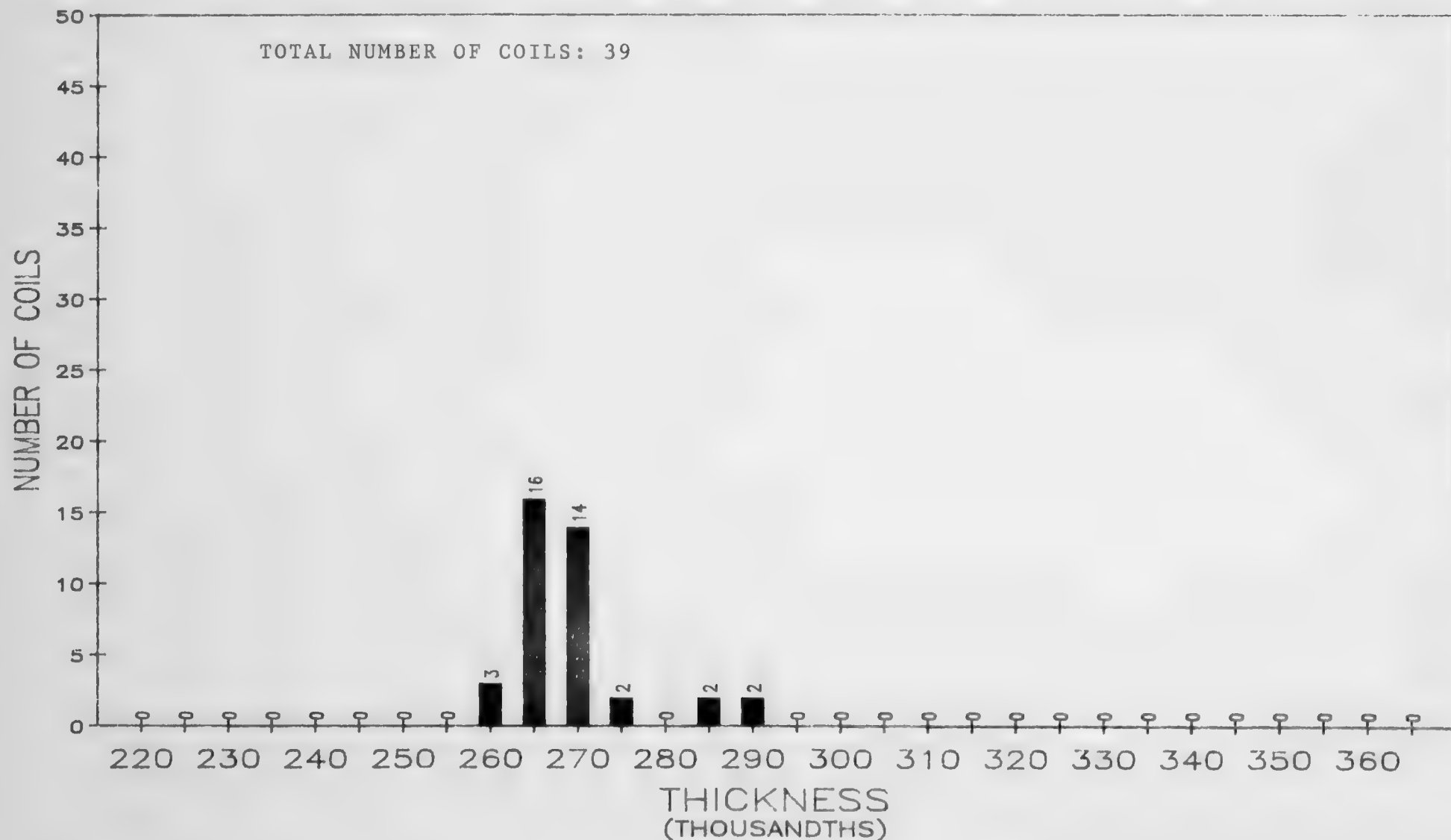
## SHEETMETAL THICKNESS

NATIONAL MATERIAL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU GALV.



# HOOD INNER HISTOGRAM SHEETMETAL THICKNESS

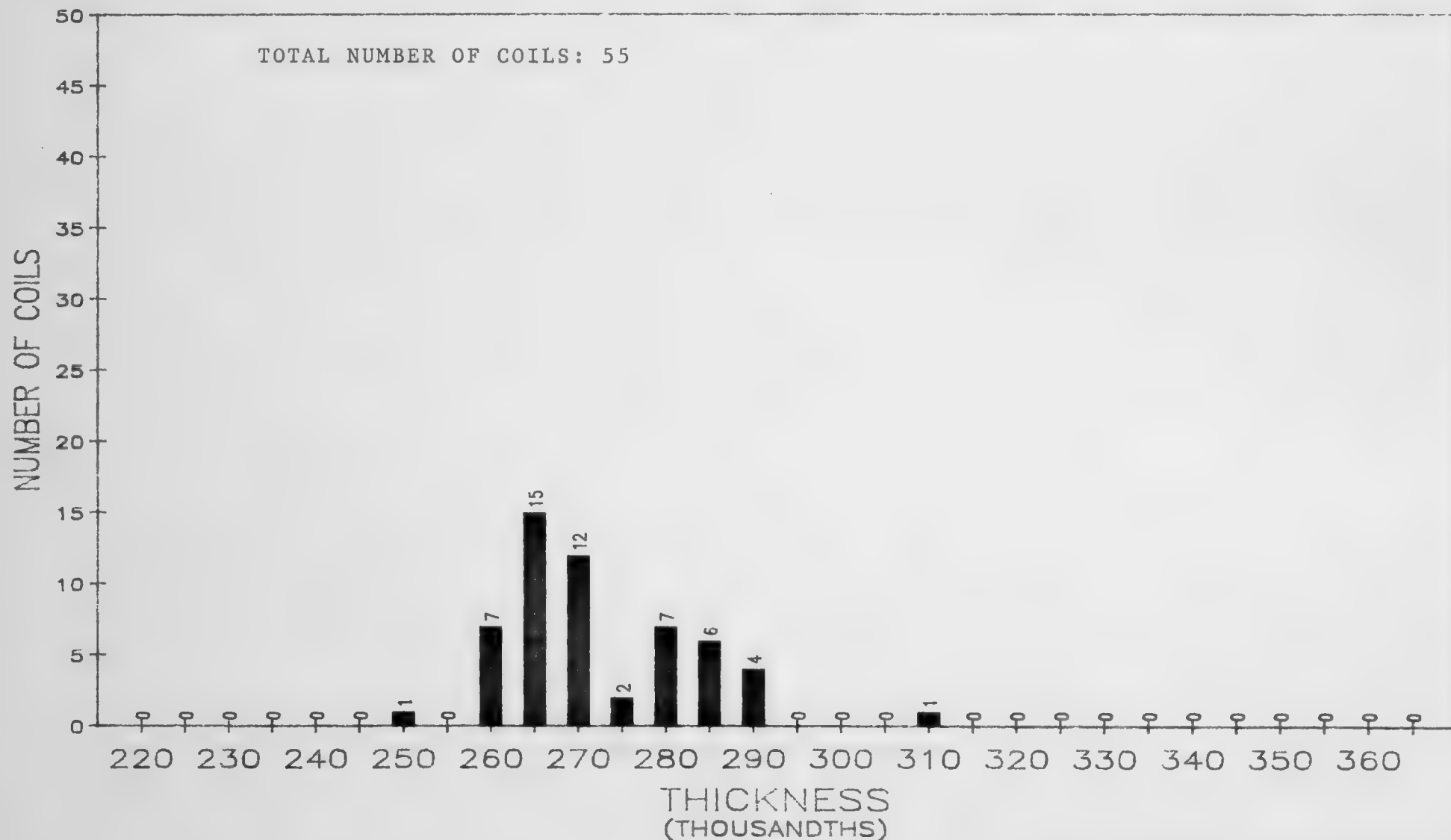
MC STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG





# HOOD INNER HISTOGRAM SHEETMETAL THICKNESS

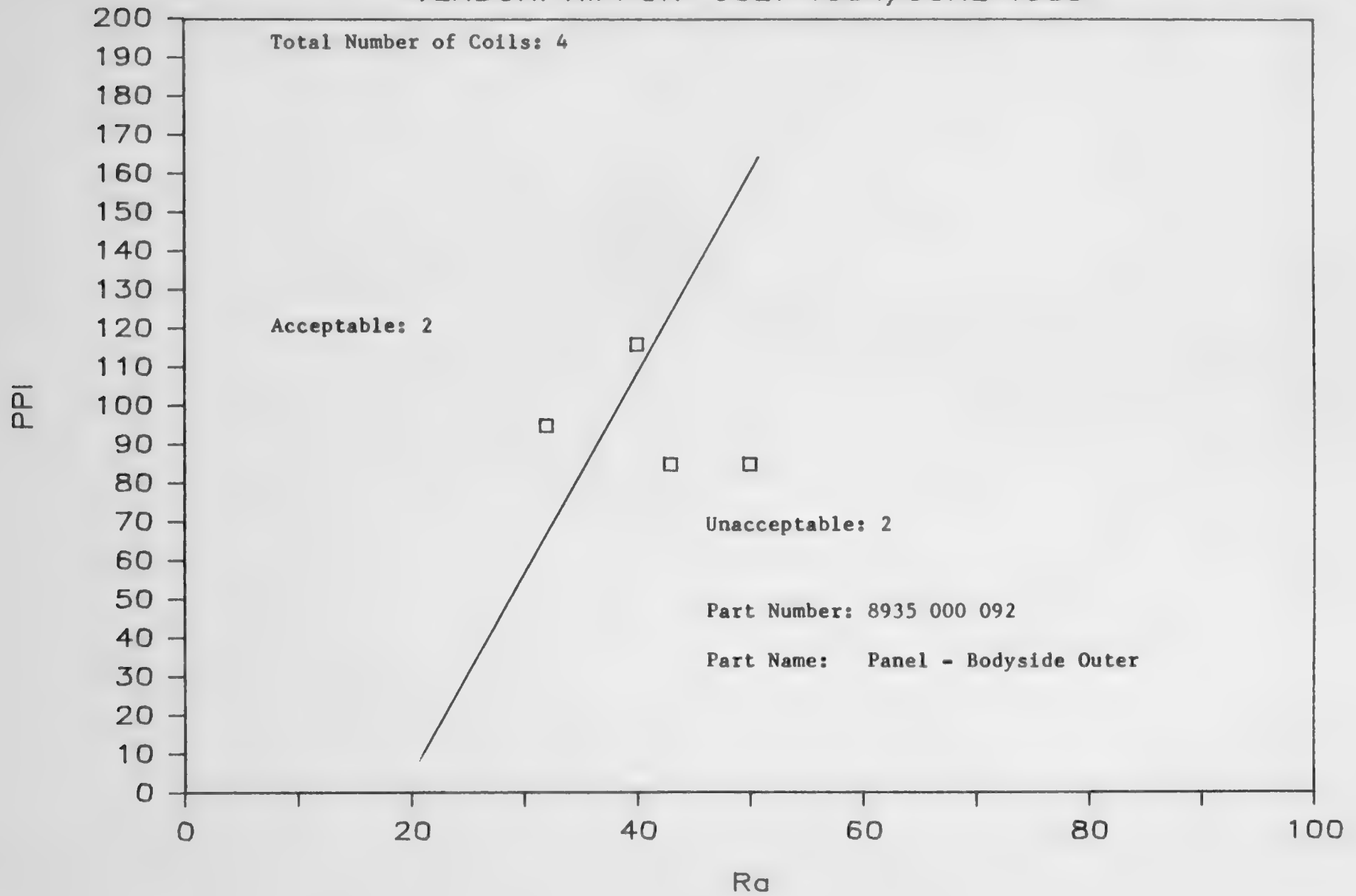
KENWALL STEEL      JULY 1984 THRU JUNE 1985  
PART NO: 8935 009 918    SIZE: .022 X 48.82 X COIL    GRADE: CRODQAKU OSG





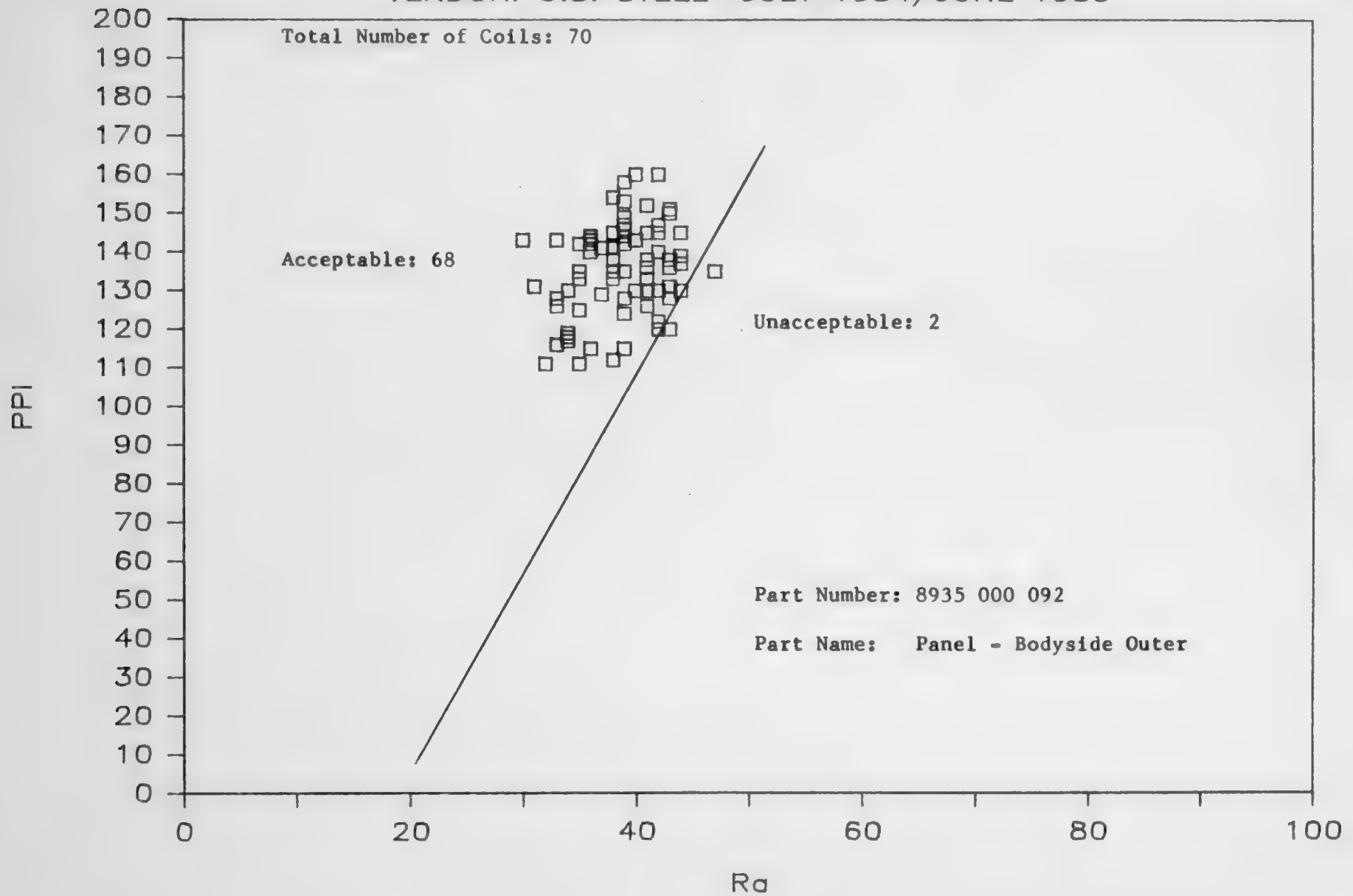
# SURFACE ROUGHNESS HISTOGRAM

VENDOR: NIPPON JULY 1984/JUNE 1985



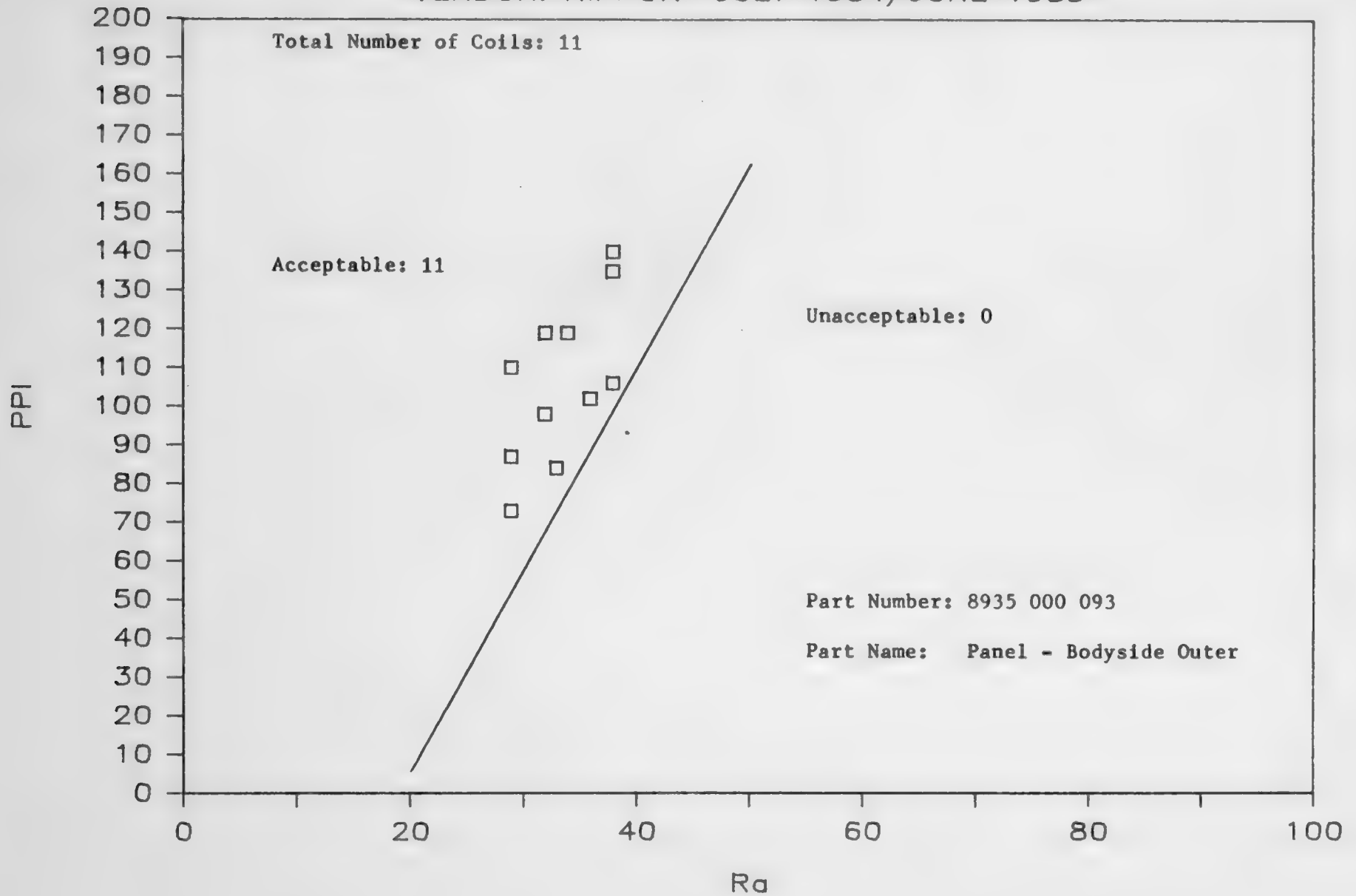
# SURFACE ROUGHNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985



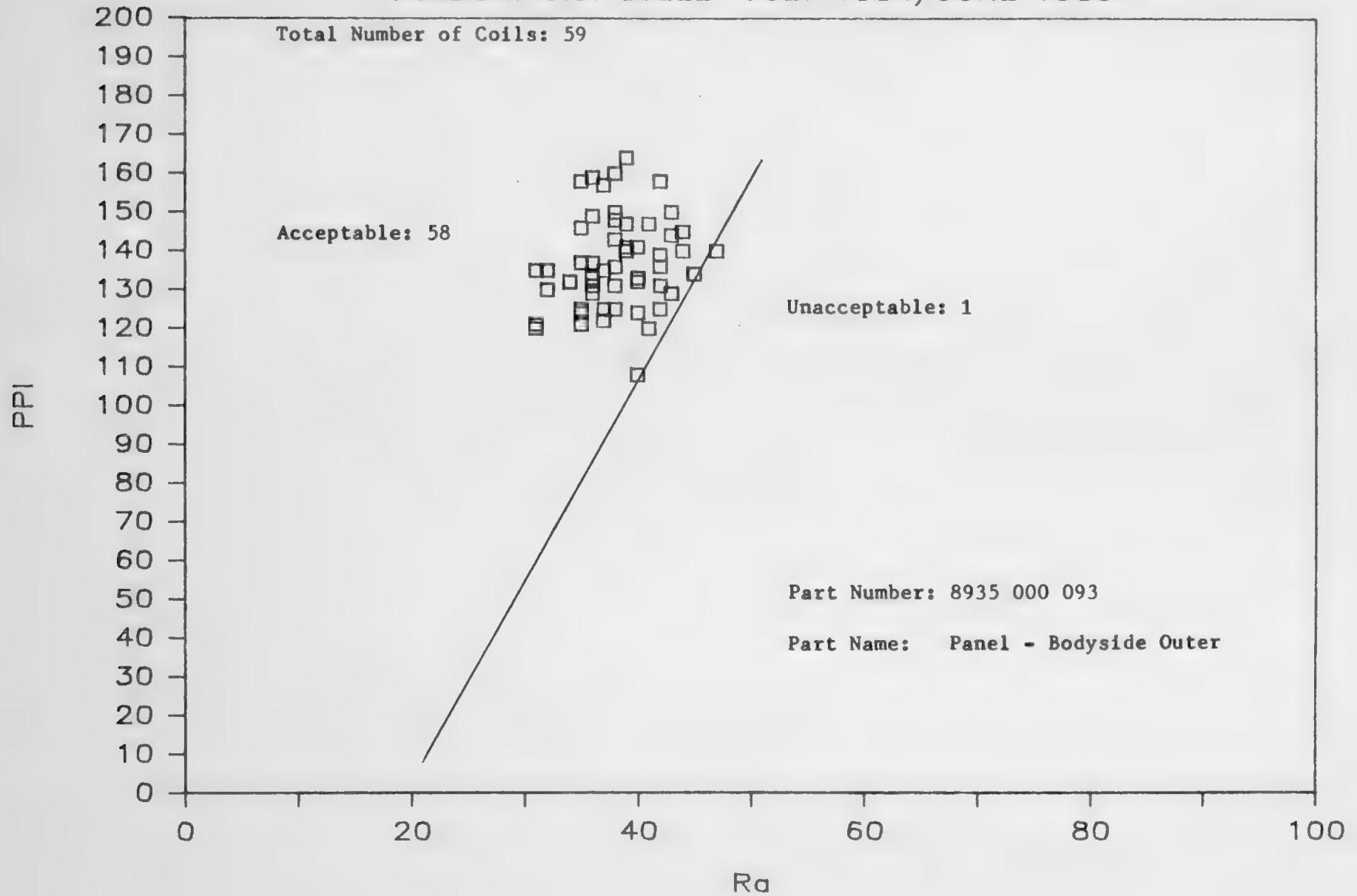
# SURFACE ROUGHNESS HISTOGRAM

VENDOR: NIPPON JULY 1984/JUNE 1985



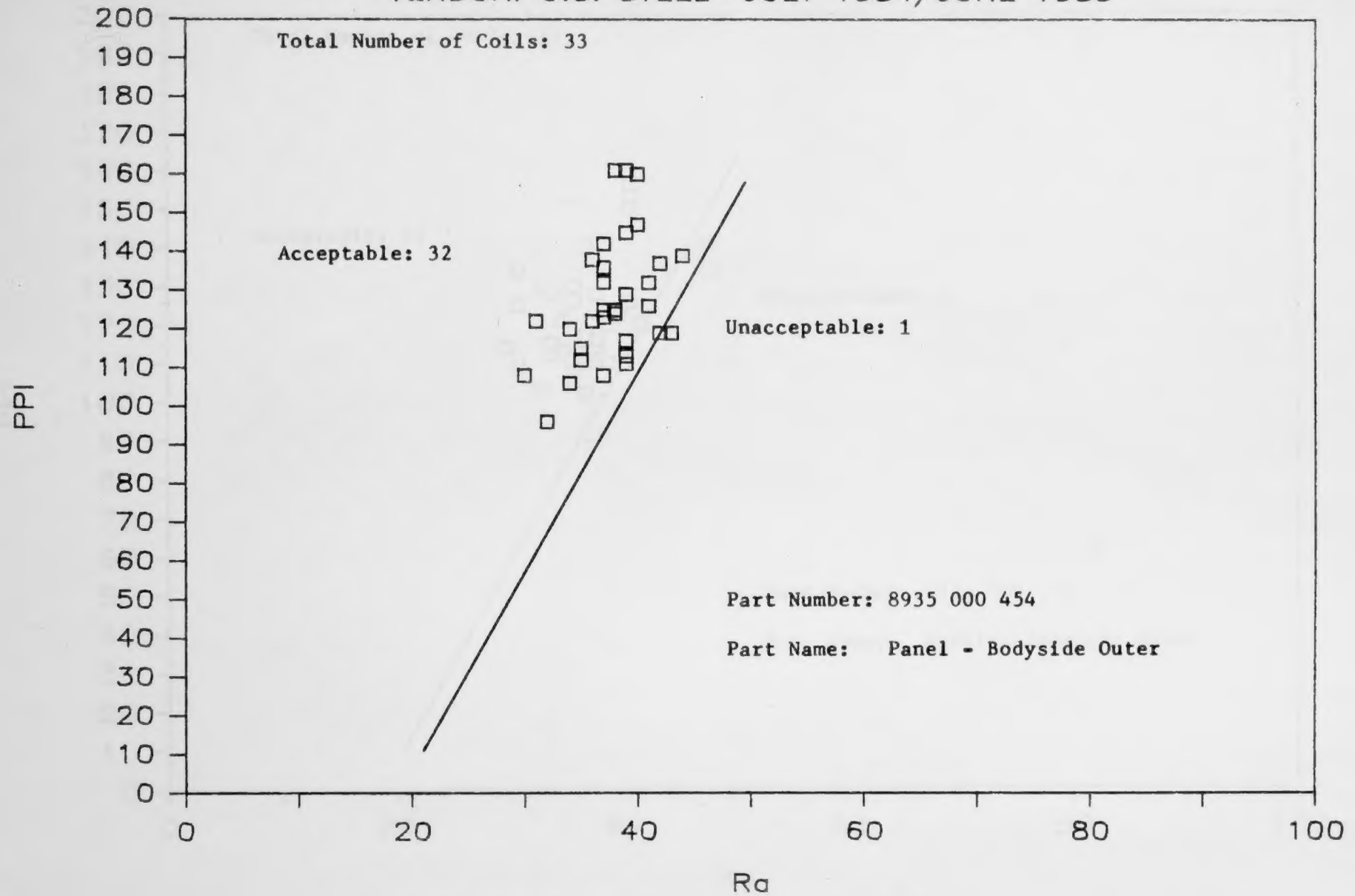
# SURFACE ROUGHNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# SURFACE ROUGHNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985



# SURFACE ROUGHNESS HISTOGRAM

VENDOR: U.S. STEEL JULY 1984/JUNE 1985

